

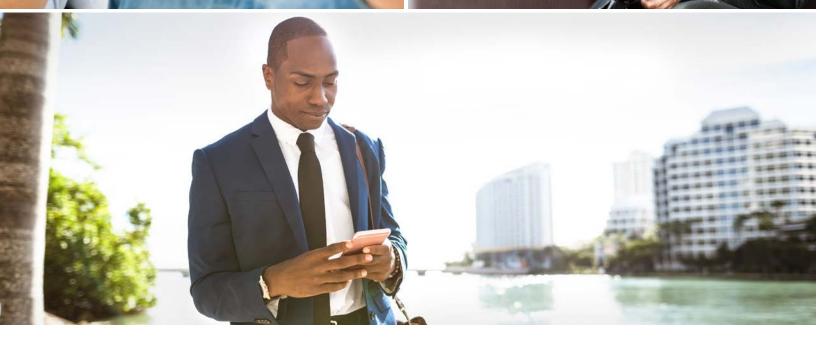






Wherever you are, you can rely on DSC to bring home closer.





## Interactive with DSC, it's simply a matter of choice

A selection of quality security products by DSC are now compatible with leading-edge solutions offered by trusted interactive service experts.

Maximize the full potential of your security system with a variety of smart home control and monitoring features offered through DSC's interactive service partner, Alarm.com.

It's reliability, flexibilty and service excellence at it's finest.

For more information on available features and packages, talk to your security professional or visit www.dsc.com.

A world of interactive choice - with DSC





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# PowerSeries 100

# Expand your Horizons









Infused with industry-leading PowerG 2-way wireless communication, PowerSeries Neo's unique combination of trusted hybrid and wireless technologies provides a myriad of installation options.

Adaptable, highly secure PowerG wireless devices and peripherals can be installed in even the toughest locations – shaving hours off a job and significantly reducing complexity. Dealers benefit from decreased operational costs while providing a multitude of expansion possibilities for residential through to scalable commercial installations.

PowerG Technology

Erom Type Sequeity Braduate

**Welcome to Security Redefined.** 



Hybrid Solutions

Chart

DNA

PowerSeries Neo

x = frequency - 915 MHz, 433 MHz, 868 MHz

915 MHZ = NORTH AMERICA, LATAM, CARIBBEAN

433 MHZ = AFRICA, ASIA, AUSTRALIA, EASTERN EUROPE, BRAZIL, PERU,

URUGUAY, NEW ZEALAND

868 MHZ = AFRICA, EASTERN EUROPE, WESTERN EUROPE, UK, MIDDLE EAST



#### **Intrusion Detectors**





PGx934P Wireless PowerG PIR Motion Detector with Integrated Camera



PGx944 Wireless PowerG Outdoor PIR Motion Detector with Integrated Camera



Wireless PowerG Curtain PIR Motion



PGx984P Wireless PowerG Dual Technology (PIR & MW) Motion Detector



PGx974P Wireless PowerG Mirror Optic PIR Motion Detector



Wireless PowerG Outdoor PIR Motion Detector



Wireless PowerG Door/Window Contact in White or Brown



Wireless PowerG Door/ Window Contact with Auxiliary Input, in White or Brown



PGx935 Wireless PowerG Shock Detector



PGx922 Wireless PowerG Glass Break Detector

## **Safety Sensors**





PGx926 Wireless PowerG Smoke Detector



PGx916 Wireless PowerG Smoke and Heat Detector



Detector

PGx913 Wireless PowerG CO Detector



PGx905 Wireless PowerG Temperature Detector



PGx985 Wireless PowerG Flood Detector

## **Arming Devices & Panic Buttons**





PGx938 Wireless PowerG Panic Key



PGx949 Wireless PowerG 2-Button Key



Wireless PowerG 4-Button Key



4-Button Key

Mini Prox Tag

**Keypads** 





HS2LCDWFx / HS2LCDWFPx / HS2LCDWFPVx Wireless Full Message LCD PowerG 2-Way Wire-Free Keypad with optional Prox Support and Voice Prompting



HS2LCD / HS2LCDP Full Message LCD Keypad with optional Prox Tag Support



HS2ICN / HS2ICNP ICON Hardwired Keypad with optional Prox Tag Support



HS2LCDRFx / HS2LCDRFPx Full Message LCD Keypad with Built-in PowerG Transceiver with optional Prox Support



HS2ICNRFx / HS2ICNRFPx ICON Hardwired Keypad with Built-in PowerG Transceiver with optional Prox Support



Hardwired Touchscreen Keypad 7 inch with Prox Support in Black or White

## Sirens, Repeaters & Transceivers





PGx901

Wireless PowerG Indoor Siren











Wireless PowerG Repeater



HSM2H0STx PowerG Host Transceiver Module

#### **Communicators & Transmitters**







CD8080 / CD8080(I) CDMA Cellular Alarm Communicator compatible with ALARM.COM°



integration)



3G2080E / 3G2080RE TL2803GE / TL2803GRE HSPA Cellular Alarm Internet and HSPA Dual-Communicator (optional path Alarm Communicator Communicator (optional Mounting Module serial connection for (optional serial connection for integration)







Communicator Remote

**Modules** 





HSM2300 Power Supply Module



High Current

Output Module



Low Current

Output Module



Audio Module

HSM2955(R) Two-Way



8-Hardwired Zone Expander Module

## **Software Support**

Communicator

compatible with

ALARM.COM°





WebSA System Administrator Software



Routine System Management Software (RSM)



DLS 5 Downloading Software

#### **Control Panels**



HS2016 / HS2032 / HS2064E / HS2128E 6 to 128 zone control panel



Panels

PowerSeries Neo

Hybrid Solutions

#### HS2016 6 to 16 Zone

- 6 on-board zones
- Expandable to 16 wireless and hardwired zones
- 2 PGM outputs: expandable to 22 (HSM2204, HSM2208)
- Template programming

Available in NA, LATAM, Europe, Africa and APAC



#### HS2016-4 8 to 32 Zone

- 8 on-board zones
- Expandable to 16 hardwired or 32 wireless zones
- 4 PGM outputs: expandable to 24 (HSM2204, HSM2208)
- Template programming

Available in Africa

 Connect up to 8 supervised keypads with keypad zones

• Connect up to 8 supervised

keypads with keypad zones

• Connect up to 8 supervised

keypads with keypad zones

8 partitions

2 partitions

• 500-event buffer

• 48 user codes

- 500-event buffer
- 48 user codes



#### HS2032 8 to 32 Zone

- 8 on-board zones
- Expandable to 32 wireless and
- hardwired zones • 2 PGM outputs: expandable to 38 (HSM2204, HSM2208)
- Template programming

Available in NA, LATAM, Europe, Africa and APAC



#### HS2064 8 to 64 Zone

- 8 on-board zones
- Expandable to 64 wireless and/or hardwired zones
- 4 PGM outputs: expandable to 80 (HSM2204, HSM2208)
- Template programming

Available in NA, LATAM, Europe, Africa and APAC



#### HS2128 8 to 128 Zone

- 8 on-board zones
- Expandable to 128 wireless and/or hardwired zones
- 4 PGM outputs: expandable to 148 (HSM2204, HSM2208)
- Template programming

Available in NA, LATAM, Europe, Africa and APAC

- Connect up to 8 supervised keypads with keypad zones
- 500-event buffer
- 500 user codes
- 8 partitions

4 partitions

• 500-event buffer

• 72 user codes

- - Connect up to 16 supervised keypads with keypad zones
  - 8 partitions
  - 1000-event buffer
  - 1000 user codes

#### PowerSeries Neo Feature Comparison Chart

· ·					
Features	HS2016	HS2016-4	HS2032	HS2064	HS2128
Number of On-Board Zones	6	8	8	8	8
Total Zones Supported	16	32	32	64	128
Keypad Zone Expansion	Yes	Yes	Yes	Yes	Yes
Hardwired Zones	Yes	Yes	Yes	Yes	Yes
Wireless Zone Expansion	Yes	Yes	Yes	Yes	Yes
Number of Hardwired Keypads	8	8	8	8	16
Number of Wireless Keypads	8	8	8	8	16
Number of Wireless Receivers	1	1	1	1	1
Number or Wireless Repeaters	4	4	8	8	8
On-Board PGM Outputs	2	4	2	4	4
Number of Main Panel Low-Current PGM Outputs	1	1	1	1	1
Number of Main Panel High-Current PGM Outputs	1	3	1	3	3
PGM Expansion	Yes	Yes	Yes	Yes	Yes
Number of Additional High-Current PGM Outputs	4	4	4	12	16
Number of Additional Low-Current PGM Outputs	16	16	32	64	128
Number of Access Codes	47 + master	47+ Master	71 + master	499 + master	999 + master
Number of Partitions	2	8	4	8	8
Panel Event Buffer	500	500	500	500	1000
Phone Line Supervision	Yes	Yes	Yes	Yes	Yes
Siren Supervision	Yes	Yes	Yes	Yes	Yes
Bell Output	Yes	Yes	Yes	Yes	Yes
SIA CP-01 Compliant	Yes	No	Yes	Yes	Yes
SMS Command and Control	Yes	Yes	Yes	Yes	Yes
Upload/Download Support	Yes	Yes	Yes	Yes	Yes
Direct-Connect (PC Link) Downloading Support	Yes	Yes	Yes	Yes	Yes
DLS SA End-User Downloading Support	Yes	Yes	Yes	Yes	Yes
Internet Alarm Communications	Yes	Yes	Yes	Yes	Yes
Audio Alarm Verification	with HSM2955(R)	with HSM2955(R)	with HSM2955(R)	with HSM2955(R)	with HSM2955(R)
Cellular Alarm Communications	Yes	Yes	Yes	Yes	Yes
Battery Required	Yes	Yes	Yes	Yes	Yes

Keypads

PowerSeries Neo



HS2LCDWFx Wireless Full Message LCD PowerG 2-Way Wire-Free Keypad

**HS2LCDWFPx** With Prox Support HS2LCDWFPVx With Prox Support & Voice Prompting

- 2 x16 full message display
- Intuitive clock programming
- Multiple door chime
- Blue display
- White keymat backlight
- Displays outdoor temperature with PGx905
- Voice Prompts

Available in NA, LATAM, Europe, Africa and APAC



- Multi-language support
- 5 programmable function keys
- Fire, Medical and Panic keys
- Available with English function keys
- Tamper switch
- Proximity with MPT mini prox tags



#### MPT Mini Prox Tag

Chicklets are small proximity tags for easy arming and disarming of the system. They are ideal for premises with multiple users or infrequent users who may not remember the arm/disarm code.

- 8 different colors
- Keychain strap
- Easily arm and disarm the system
- Compatible with international standards

Available in NA, LATAM, Europe, Africa and APAC

- panels and keypads
- convenient entry

Compatible with select control

Can be placed on a keychain for



- Modern, slim-line landscape keypad
- White backlit keys
- Blue LCD display
- 5 programmable function keys
- · Adjustable backlight and keypad buzzer
- Available with English function keys
- Proximity with MPT mini prox tags

Available in NA, LATAM, Eastern Europe and APAC

HS2LCD Full Message LCD Hardwired Security Keypad HS2LCDP Full Message LCD Hardwired Keypad With Prox Support

HS2LCDRFx Full Message LCD Hardwired Keypad With Built-in PowerG Transceiver

HS2LCDRFPx Full Message LCD Hardwired Keypad With Built-in PowerG Transceiver & Prox Support

- Multi-language support
- Global partition status
- Up to 128 hardwired or wireless zones supported
- Full 32-character programmable labels
- Menu programming
- Modern, slim-line landscape keypad
- White backlit kevs
- Blue LCD display

- Displays outdoor temperature with PGx905
- 5 programmable function keys
- Intuitive clock programming
- Input/Output terminal
- Fire, medical and panic keys
- · Adjustable backlight and keypad buzzer • Dual wall-mount and front cover tamper
- Available with English function keys
- Proximity with MPT mini prox tags



Available in NA. LATAM, Europe, Africa and APAC

#### HS2TCHP 7 inch Hardwired TouchScreen Keypad with Prox Support

- Responsive, high-resolution 7" (177.8 mm) full color touchscreen
- Intuitive menu-driven interface for the user
- Configurable home screen
- Built-in and easy-to-update digital picture frame using integrated SD card slot
- Simplified programing of labels using QWERTY keypad
- Clean, low-profile case in either white or black blends into any décor

Available in NA, LATAM, Europe, Africa and APAC

- Quick-view LED status indicators (Ready, Armed, Trouble and AC Power)
- Interactive Menu ready
- I/O terminal
- SD card GUI Local firmware update
- Prox support (using MPT prox tags)
- Multiple language support



PowerSeries Neo Keypad WIRE-FREE **HARDWIRED** Features LCD LCD ICON TouchScreen Built-in transceiver option Prox option Voice prompt 8 Partition Support Front & rear mount tamper 5 Programmable function keys 3 Separate panic keys Multiple door chimes I/O onboard

## DSC



#### HSM2HOSTx PowerG Host Transceiver Module

- Supports up to 128 wireless zones and 32 wireless keys varies per panel
- Supports DSC PowerG devices

 Compatible with PGx920 PowerG Repeater for range extension

 All wireless detectors are fully supervised for communication integrity

Available in NA, LATAM, Europe, Africa and APAC



Module

PowerSeries Neo

Hybrid Solutions

#### HSM2300 Power Supply Module

 Fully supervised for AC failure, low battery and AUX failure Provides up to 1 Amp @ 12 VDC

Available in NA, LATAM, Europe, Africa and APAC



#### HSM2204 High Current Output Module

- Fully supervised for AC failure, low battery and AUX failure
- 4 programmable high current voltage outputs: rated at 1 Amp @ 12 VDC

 Output #1 can be used as a supervised bell output

Provides up to 1 Amp @ 12 VDC

Available in NA, LATAM, Europe, Africa and APAC



#### HSM2208 Output Module

• Provides 8 low current (50 mA) programmable outputs

Available in NA, LATAM, Europe, Africa and APAC



#### HSM2108 Hard wired zone expander

- Adds 8 hardwired zones
- AUX power up to 125 mA (PTC protected)

Available in NA, LATAM, Europe, Africa and APAC



### HSM2955(R) Two-Way Audio Module

- Up to 4 two-way audio stations supported
- Optional recording of up to 15 minutes of pre-alarm activity
- Supports both 2-way audio VOX and push-to-talk verification
- Silent/Listen-in functionality on hold-up alarms (activates only when an alarm occurs)
- Two-way audio over PSTN or Cellular
- Supports PC5961E small and PC5964E large audio stations

Available in NA and  $\ensuremath{\mathsf{EMEA}}$ 



#### PCL-422 Communicator Remote Mounting Module

- Allows extension of the PC-LINK connection by 50 ft (15 m) so communicator can be mounted in separate enclosure from panel
- Distance can be extended up to 1000 ft (300 m) if additional power supply is used
- Compatible with 3G2080(E), TL2803G(E) and TL280(E) alarm communicators

Available in NA, LATAM, Europe, Africa and APAC

Approval Listing and Frequency vary depending on country. Please refer to www.dsc.com for complete listings and availability.

## 3G8080(I) / CD8080(I) PowerSeries Neo HSPA / CDMA Cellular Alarm Communicator

- 4 integrated communicator models: 3G8080; 3G8080l\*; CD8080\*\*; CD8080l\*/\*\*
- 2 integrated cellular technologies: HSPA (3G); CDMA\*\*
- Antenna Extension Kits available: GS-15ANTQ, GS-25ANTQ, GS-50ANTQ

• Panel remote uploading/downloading

• Supervision heartbeats via Cellular

• 128-bit AES encryption via Cellular

Remote activation and programming

through C24 Communications

SIA and Contact ID protocol

(North America Only)

Signal strength and trouble display

communication

support via Cellular

Full event reporting

Available in NA, LATAM, Europe, Africa and APAC

- 3G2080(R)E HSPA Cellular Alarm Communicator
   Back up and primary Cellular alarm
   Signal strength and trouble display
  - Visual verification over Cellular

PC-Link connection

• Compatible with HS2016/ HS2032/

HS2064/ HS2128 control panels

Compatible with Sur-Gard System I

Compatible with alarm.com

-IP/II/III/IV/5 monitoring station receivers

- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- Command and Control via SMS
- R model includes RS232 serial integration option
- Provides expanded user support with PowerSeries Neo HS2064 and HS2128 panels V1.2 and higher



Available in NA, LATAM, Europe, Africa and APAC

## TL2803G(R)E Internet and HSPA Dual-path Alarm Communicator

- Fully redundant Internet and Cellular dualpath alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via Cellular and Internet
- Supervision heartbeats via Cellular and Internet
- 128-bit AES encryption via Cellular and Internet
- Full event reporting
- SIA and Contact ID protocol
- Remote activating and programming through C24 Communications (North America Only)

Available in NA, LATAM, Europe, Africa and APAC

- Active Cellular account is required to use IP function Signal strength and trouble display
- Visual verification over Cellular or Internet
   Communicator can be housed in separate cabinet using PCL-422 Communicator
- Remote Mounting Module

  Command and Control via SMS
- R model includes RS232 serial integration option supports up to 4 integration paths over Ethernet
- Provides expanded user support and up to 4 ethernet integrations with PowerSeries Neo panels HS2064 and HS2128 V1.2 and higher



### T280(R)E Internet Alarm Communicator

- Panel remote uploading/downloading via Internet
- Programmable using DLS 5 or keypad
- Supervision heartbeat via Internet
- 128 Bit AES Encryption
- Full event reporting
- SIA and Contact ID protocol
- Visual verification over InternetCommunicator can be housed in separate
- Communicator can be housed in separal cabinet using PCL-422 Communicator Remote Mounting Module
- R model includes RS232 serial integration option
- Provides expanded user support (HS2064/ HS2128) and up to 4 ethernet integrations with PowerSeries Neo panels V1.2 and higher
- Refer to www.dsc.com for complete list of integration options



Available in NA, LATAM, Europe, Africa and APAC

- Intrusion

PowerG

# DSC



#### PGx975 Wireless PowerG Door/Window Contact

- Wafer-thin profile
- Visible link quality indicator on device
- Fully supervised
- Includes double-sided tape
- Large transmission range enabling repeater-free installations
- Easy to install and remove
- Prolonged battery life (5 years with typical use)
- Dimensions: 62 x 25.4 x 7.7mm (2.45 x 1 x 0.3in)
- Available in White or Brown plastic

Available in NA, LATAM, Europe, Africa and APAC



# PGx945 Wireless PowerG Door/Window Contact with Auxiliary Input

- Selectable operation of auxiliary input as NO, NC or EOL supervision
- Visible link quality indicator shown on device
- Case and wall tamper
- Ideal for protecting doors, windows and other openings
- Prolonged battery life (8 years with typical use)
- Back tamper switch included on PG4945 and PG8945
- Dimensions: 81 x 32 x 25mm (3.19 x 1.25 x 1in)
- Available in White or Brown plastic

Available in NA, LATAM, Europe, Africa and APAC



#### PGx904P Wireless PowerG PIR Motion Detector

- Visible link quality indicator on device
- 49 ft (15 m) 90° coverage
- True Motion Recognition<sup>™</sup> to distinguish between motion of an intruder and any other disturbances which may cause false alarms
- Pet immunity up to 85 lbs (38 kg)

Available in NA, LATAM, Europe, Africa and APAC

- Prolonged battery life (6 years with typical use)
- Large transmission range enabling repeater-free installations
- Dimensions: 94.5 x 63.5 x 53mm (3.7 x 63.5 x 2.06in)

/ Wallable II TV V, E V/ WVI, Europe, / Villea and / V / C

# PGx934P Wireless PowerG PIR Motion Detector with Integrated Camera

- Visual alarm verification day & night
- Full color, high-resolution images transmitted from the premises via Cellular or Ethernet
- CMOS camera with IR illumination
- Auto-setup for brightness and contrast via the control panel

Available in NA, LATAM, Europe, Africa and APAC

- Front cover and back tamper
- Pet immune up to 85 lbs (38 kg)
- Prolonged battery life (3 years with typical use)
- Dimensions: 125 x 63 x 60mm (4.9 x 2.5 x 2.4in)



## PGx924 Wireless PowerG Curtain PIR Motion Detector

- Visible link quality indicator on device
- Ideal for protection of doors and windows
- Selectable curtain coverage 6, 12, 18 ft (2, 4, 6 m)

Available in NA, LATAM, Europe, Africa and APAC

- Front cover and back tamper
- Prolonged battery life (7 years with typical use)



## PGx984P Wireless PowerG Dual Technology (PIR & MW) Motion Detector

- Visible link quality indicator on device
- Vandal-resistant design
- Dual Technology PIR and K-Band Microwave frequency to reduce false alarms

Available in NA, LATAM, Europe, Africa and APAC

- Prolonged battery life (5 years with typical use)
- Dimensions: 115 x 60 x 48mm (4.5 x 2.3 x 1.9in)



Safety

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PowerG



#### PGx974P Wireless PowerG Mirror Optic PIR **Motion Detector**

- Coverage area 50 ft (15 m), 90°
- Mirror optics offer exceptionally high detection sensitivity and immunity to false alarms
- Vandal-resistant design (small, recessed and robust slot window)

Available in NA, LATAM, Europe, Africa and APAC

- Easy to install no vertical adjustment needed
- Front and back tamper
- Prolonged battery life (7 years with typical use)
- Dimensions: 115 x 60 x 48mm (4.5 x 2.3 x 1.9in)



#### PGx994 Wireless PowerG Outdoor PIR Motion Detector

- Visible link quality indicator on device
- Minimizes false alarms while ensuring effective detection of real threats
- Octa-Quad Technology
- Vandal-resistant design
- Black mirror optics for exceptionally high immunity to false alarms

Available in NA, LATAM, Europe, Africa and APAC

- · Prolonged battery life (3 years with typical use)
- Unprecedented, complete anti-masking protection



#### PGx944 Outdoor PIR Motion Detector with Integrated Camera

- Innovative Octa-Quad technology to minimize false alarms
- Visual verification with image capture
- · Camera range in parallel to PIR coverage -
- Robust housing and patented anti-masking

Available in NA, LATAM, Europe, Africa and APAC

- Market-leading black mirror optics
- Built in RF-link status LED
- Remote maintenance with configuration and testing via keypad
- Prolonged battery life (3 years with typical use)

#### PGx922 Wireless PowerG Glass Break Detector

- Glass break detection of plate, tempered, laminated and wired glass
- Detection range up to 20 ft (6 m)
- Visible link quality indication shown on the device
- Acoustic Pattern Recognition Technology provides 360° coverage
- Prolonged battery life (5 years with typical use)
- Visible and transmitted low battery indication

Available in NA, LATAM

#### PGx938 Wireless PowerG Panic Key

- Activation via large, easy-to-use button
- Integrated LED to indicate signal transmission and acknowledgment
- Water resistant
- Multifunction clip and neck strap
- Full 2-second delay on panic button

Available in NA, LATAM, Europe, Africa and APAC

- Fully supervised
- Dimensions: 53 x 33 x 11mm (2.1 x 1.3 x 0.43in)
- Prolonged battery life (7 years with typical use)



#### PGx949 Wireless PowerG 2-Button Key

- Activation via 2 large, easy to use buttons
- Integrated LED to indicate signal transmission and acknowledgment
- Built-in buzzer for audible indication
- Water resistant
- Multifunction clip and neck strap
- Full 3-second delay on panic button to reduce false alarms

Available in NA, LATAM, Europe, Africa and APAC

- Prolonged battery life (7 years with typical use)
- Supplied with a belt clip, a key chain, and a lanyard necklace
- Dimensions: 53 x 33 x 11mm (2.1 x 1.3 x 0.43in)

• Prolonged battery life (8 years with



#### PGx939 Wireless PowerG 4-Button Key

- 4 programmable function keys
- Visual and audible indicator to acknowledge requested action
- Full 3-second delay on panic function to reduce false alarms

Available in NA, LATAM, Europe, Africa and APAC



### PGx929 Wireless PowerG 4-Button Key

- 4 programmable function keys
- Visual and audible indicator to acknowledge requested action
- Full 3-second delay on panic function to reduce false alarms
- Visible signal quality indication shown on the device

Available in NA, LATAM, Europe, Africa and APAC

Prolonged battery life (5 years with

typical use)

typical use)

• Dimensions: 60 x 34.5 x 12.5mm (2.3 x 1.3 x 0.5in)



Safety

I

PowerG



#### PGx935 Wireless PowerG Shock Detector

- Visible link quality indicator on the device
- High immunity to background vibrations
- Adjustable shock/vibration thresholds
- Front and back tamper
- Optional magnetic reed switch contact
- Early detection of forceful attacks or low-level shocks

Available in NA, LATAM, Europe, Africa and APAC

- Protects windows, doors, walls and roofs against forced entry
- Quick and easy installation using unique 7-segment shock meter and push buttons
- Prolonged battery life (5 years with typical use) with all sensors enabled



#### PGx926 Wireless PowerG Smoke Detector

- Photoelectric smoke detector
- Provides alerts for smoke, tamper and device low battery
- Visible link quality indication shown on the device
- Fully supervised

Available in NA, LATAM, Europe, Africa and APAC

- Maintenance and battery condition indication
- Built in 85db alarm buzzer
- Prolonged battery life (8 years with typical use)



#### PGx916 Wireless PowerG Smoke and Heat Detector

- Photoelectric smoke detector with built-in heat sensor
- Provides alerts for smoke, tamper and device low battery
- Visible link quality indication shown on the device
- Fully supervised

- Maintenance and battery condition indication
- Built in 85db alarm buzzer
- Certified by the most strict and demanding international standards
- Prolonged battery life (8 years with typical use)

Available in NA, LATAM, Europe, Africa and APAC

#### PGx913 Wireless PowerG CO Detector

- Early warning of carbon monoxide (CO) poisoning danger
- Visual and audible alarm indications upon CO detection
- Built-in 95db alarm buzzer and large flashing LED alarm
- Visible and transmitted low battery indication

Available in US, LATAM, Europe, Africa and APAC

- Fully certified by the most strict and demanding international standards for safety products in Europe (LPCB UK, EN 50291) and USA (UL 2075)
- Auto-test and manual test buttons included
- Long battery life (4 years with typical use)



#### PGx905 Wireless PowerG Temperature Detector

- Visible link quality indication shown on the device
- Programmable temperature warning and alarm thresholds
- Optional probe to monitor refrigerator, freezer and outdoor temperatures
- Front and back tamper protected

Available in NA, LATAM, Europe, Africa and APAC

- Prolonged battery life (7 years with typical use)
- Dimensions: 81 x 32 x 25mm (3.19 x 1.25 x 1in)
- External temperature probe PGTEMP-PROBE



#### PGx985 Wireless PowerG Flood Detector

- Visible signal quality shown on the device
- Fully supervised
- 6 ft (2 m) wire water probe
- Visible and transmitted low battery indication

Available in NA, LATAM, Europe, Africa and APAC

- Prolonged battery life (8 years with typical use)
- Dimensions: 81 x 34 x 25mm (3.19 x 1.25 x 1in)







#### PGx901 Wireless PowerG Indoor Siren

- Visible link quality indicator on device
- 110db siren with strobe light
- Differentiated audible alerts for intrusion and fire
- Prolonged battery life (8 years with typical use)
- Dimensions: 161 x 161 x 50mm (6.44 x 6.44 x 1.75in)

Available in NA, LATAM, Europe, Africa and APAC



#### PGx911 Wireless PowerG Outdoor Siren

- 110db siren output
- Strobe light functionality for visual indication
- Sleek design and robust weatherproof housing (IP55)
- Fully supervised
- Prolonged battery life (8 years with typical use)
- Differentiated alarm sounds for intrusion, fire, gas and flood

- Large print screen area for customizable logos • Dimensions: 295 x 186 x 63mm
- (11.63 x 7.31 x 2.5in)
- Available with Amber strobe, depending on country

Available in NA, LATAM, Europe, Africa and APAC



#### PGx920 Wireless PowerG Repeater

- Extends the overall wireless range
- LED indications for power failure, activity and installation performance diagnostics
- Compact and easy to install
- Front and back tamper protected
- Replacement Battery BATT1.3-4.8V
- Mains powered with 48 hour backup battery (rechargeable)
- Dimensions: 161 x 161 x 50mm (6.44 x 6.445 x 1.74in)

Available in NA, LATAM, Europe, Africa and APAC

#### **Intrusion Detectors**





Wireless Pet-

Immune PIR

Detector

LC-100-PI

Wired PIR

Detector with

Pet-Immunity





BV-300

Wired PIR

Detector

EV-DW4927SS Wireless Shock Sensor with Built-In Door/

Window Contact

LC-151/171

Wired Pet-Immune

Dual-Tech Outdoor

Motion Detectors





EV-DW8975

Wireless Vanishing

Contact

SS-102

Wired

Shock

Sensor



EV-DW4917

Wireless

Recessed Door

Transmitter

BV-600

Wired Dual-Element,

Pet-Immune PIR

Motion Detector

FSB-210

Series

Addressable

Photoelectric

Smoke Detector

PTK5507S

TouchScreen





Detector



BV-500 Wired 360° Wired Glassbreak Ceiling-Mount PIR Motion Detector



LC-103-PIMSK / LC-104-PIMW Wired Dual-Tech Motion Detector with Pet-Immunity

AMB-500 Addressable Ceiling-Mount PIR Detector

Chart

DNA

PowerSeries



AMB-300 Addressable PIR Detector

**Safety Sensors** 

WS4936

Wireless

Photoelectric

Smoke

Detector



WS4913

Wireless

Carbon

Monoxide

Detector



WS4985

Wireless

Flood

Detector





FSA-210/410

Wired

Photoelectric

Smoke

Detector





PC1864





PC1832 PC1616 8-64 Zone 8-32 Zone 6-16 Zone Control Panel Control Panel Control Panel

## **Keypads, Arming Devices & Panic Buttons**



WS4949

2-Button

Wireless Key

Safety







WS4959

5-Button













2-Way









PK5508

Keypad





PK5516

16-Zone

LED Keypad





PC5108

8-Zone Hardwire

Expander

PTK5507W

TouchScreen









RFK5564 64-Zone LCD Full-Message 64-Zone Full-Message Keypad 64-Zone LCD Picture Icon Keypad with Built-In Wireless with Built-In Wireless Receiver Keypad with Built-In Wireless

## Repeaters, Recievers, Modules and Communicators





WS4920 Wireless Repeater

PC5200 / PC5204

Power Supply



Receiver

PC5208

Programmable

Output Module





Communicator







TR5164-433

2-Way Wireless

Transceiver



















Panels

PowerSeries

# DSC



#### PC1616 PowerSeries Control Panel

- 6 on-board zones
- Expandable up to 32 zones in any combination of wireless or hardwired zones
- 2 PGM outputs: expandable to 14 (PC5204, PC5208)
- Connect up to 8 supervised keypads
- Supports wire free keypads with TR5164-433 transceiver

Available in NA, LATAM, EMEA and APAC

- Template programming
- 2 partitions
- 500-event buffer
- 48 user codes
- CP-01 compliant
- Compatible with leading edge interactive services supported by DSC



#### PC1832 PowerSeries Control Panel

- 8 on-board zones
- Expandable up to 32 zones in any combination of wireless or hardwired zones
- 2 PGM outputs: expandable to 14 (PC5204, PC5208)
- Connect up to 8 supervised keypads
- Template programming
- 4 partitions

Available in NA, LATAM, EMEA and APAC

- 500-event buffer
- 72 user codes
- CP-01 compliant
- Supports wire free keypads with TR5164-433 transceiver
- Compatible with leading edge interactive services supported by DSC



#### PC1864 PowerSeries Control Panel

- 8 on-board zones
- Expandable up to 64 wireless zones in any combination of wireless or hardwired zones
- 4 PGM outputs: expandable to 14 (PC5204, PC5208)
- Template programming
- Connect up to 8 supervised keypads
- 8 partitions

Available in NA, LATAM, EMEA and APAC

- 500-event buffer
- 95 user codes
- CP-01 compliant
- Supports wire free keypads with TR5164-433 transceiver
- Compatible with leading edge interactive services supported by DSC

#### Control Panels Overview | PowerSeries Panels Features

Features	PC1616	PC1832	PC1864
Number Of On-Board Zones	6	8	8
Total Zones Supported	32	32	64
Keypad Zone Expansion	Yes	Yes	Yes
Hardwired Zone Expansion	Yes	Yes	Yes
Hardwired Zones	16 (1 x PC5108)	32 (3 x PC5108)	64 (7 x PC5108)
Wireless Zone Expansion	Yes	Yes	Yes (64 Wireless)
Addressable Zone Expansion	Yes	Yes	Yes
Number of Keypads	8	8	8
Number of Wireless Receivers	4 (PC5320)	4 (PC5320)	4 (PC5320)
On-Board PGM Outputs	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1, 3, 4 = 50 mA PGM 2 = 300 mA
Number of Main Panel Low-Current PGM Outputs	1	1	3
Number of Main Panel High-Current PGM Outputs	1	1	1
PGM Expansion	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)
Number of Additional Low-Current PGM Outputs	8	8	8
Number of Additional High-Current PGM Outputs	4	4	4
Number of Access Codes	47+ Master Code	71+ Master Code	94+ Master Code
Number of Partitions	2	4	8
Panel Event Buffer	500	500	500
Phone Line Supervision	Yes	Yes	Yes
Siren Supervision	Yes	Yes	Yes
Bell Output	12 V / 700 mA (cont)	12 V / 700 mA (cont)	12 V / 700 mA (cont)
SIA CP-01 Compliant	Yes	Yes	Yes
Event-Initiated Personal Paging	Yes	Yes	Yes
Upload/Download Support	Yes	Yes	Yes
Direct-Connect (PC Link) Downloading Support	Yes	Yes	Yes
DLS SA End-User Downloading Support	yes (v4.1 & higher)	yes (v4.1 & higher)	yes (v4.1 & higher)
Internet Alarm Communications	Yes	Yes	Yes
Audio Alarm Verification	Yes	Yes	Yes
Cellular Alarm Communications	Yes	Yes	Yes
Battery Required	4 Ah / 7 Ah / 14 Ahr	4 Ah / 7 Ah / 14 Ahr	4 Ah / 7 Ah / 14 Ahr
Interactive	Yes (v4.6)	Yes (v4.6)	Yes (v4.6)

Hybrid

Keypads

PowerSeries



#### PK5500 PowerSeries 64-Zone LCD Full-Message Keypad RFK5500 with Built-In Wireless Receiver RFK5564 with Built-In Wireless Receiver

- Multi-language support
- Global partition status
- Full 32-character programmable labels
- Modern, slim-line landscape keypad
- Enlarged keypad buttons • 5 programmable function keys
- Input/Output terminal can be programmed to operate as a zone input, programmable output or as a low temperature sensor
- 3 one-touch emergency keys
- Multiple door chime per zone
- Adjustable backlight and keypad buzzer

Available in NA, LATAM, EMEA and APAC

- Wire channel
- Dual wall-mount and front cover tamper
- Easy-to-install mounting hinge
- Surface or single-gang box mount
- AC status ICON
- RFK5500 and RFK5500-868 includes all of the same features and supports 32 wireless zones and 16 wireless keys
- RFK5564 includes all of the same features and supports 64 wireless zones and 16 wireless keys



#### PK5501 PowerSeries 64-Zone LCD Picture Icon Keypad RFK5501 with Built-In Wireless Receiver

- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Input/Output terminal can be programmed to operate as a zone input, programmable output or as a low temperature sensor
- 3 one-touch emergency keys
- Multiple door chime per zone
- · Adjustable backlight and keypad buzzer

Available in NA. LATAM, FMFA and APAC

- Wire channel
- Dual wall-mount and front cover tamper
- Easy-to-install mounting hinge
- Surface or single-gang box mount
- AC status ICON
- Available with English function keys
- RFK5501 includes all of the same features and supports 32 wireless zones and 16 wireless keys

#### PK5508 PowerSeries 8-Zone LED Keypad RFK5508 with Built-In Wireless Receiver

- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Input/Output terminal can be programmed to operate as a zone input, programmable output or as a low temperature sensor
- 3 one-touch emergency keys
- Multiple door chimes per zone
- Adjustable backlight and keypad buzzer

Available in NA, LATAM, EMEA and APAC

- Wire channel
- Dual wall-mount and front cover tamper
- Easy-to-install mounting hinge
- Surface or single-gang box mount
- AC status ICON
- RFK5508 includes all of the same features and supports 32 wireless zones and 16 wireless keys



#### PK5516 PowerSeries 16-Zone LED Keypad RFK5516 with Built-In Wireless Receiver

- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Input/Output terminal can be programmed to operate as a zone input, programmable output or as a low temperature sensor
- 3 one-touch emergency keys
- Multiple door chimes per zone
- Adjustable backlight and keypad buzzer

Available in NA, LATAM, EMEA and APAC

- Wire channel
- Dual wall-mount and front cover tamper
- Easy-to-install mounting hinge
- Surface or single-gang box mount
- AC status ICON
- RFK5516 includes all of the same features and supports 32 wireless zones and 16 wireless kevs



#### PTK5507 PowerSeries TouchScreen Security Interface

- 7" full color display
- Slim modern design (800x480 resolution)
- Intuitive LED indication of security system status
- Picture frame feature
- Clock feature
- Output control
- Intuitive user interface

- Customizable home screen and wallpaper
- Menu user programming Installer programming
- Virtual keypad
- SD card is not included
- Compatible with PC1864, PC1832, P C1616 control panels
- Multi-language support

Available in NA, LATAM, EMEA and APAC

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Hybrid Solutions

Keypads

PowerSeries





#### WT5500 2-Way Wire Free Keypad

- 2x16 full message display
- Intuitive clock programming
- Multiple door chime
- Ambient light sensor
- Display and keymat backlighting
- Outdoor temperature display
- Wall and Deskstand\* mount
- Proximity Tag PT4 Arm/Disarm (WT5500P Only)
- Installer's programming
- Multi-language support

Available in NA, LATAM and APAC \* WT5500D or WT5500DMK

- 5 programmable function keys
- 3 one-touch emergency keys
- Tamper switch
- Nominal battery life 1 year
- Compatible with IMPASSA and PowerSeries (via TR5164-433)
- Visual armed status during sleep mode
- Blue LCD display screen
- Supports Alarm.com messaging
- Available in 433 MHz and 868 MHz



#### WTK5504 2-Way Wireless TouchScreen Arming Station

- 4.3" full color display
- AC plug-in
- Rechargeable batteries
- 24 hr battery back-up user programming user function
- Night light sleep mode
- Proximity arm/disarm (WTK5504P only)
- Voice chime/voice prompts
- Wall and desk stand mount

Available in NA, LATAM and APAC

- Multi-language support
- 3-5 year battery life
- Tamper switch
- Compatible with IMPASSA and PowerSeries (via TR5164-433)
- 5 programmable function keys
- 3 emergency keys
- Supports Alarm.com messaging

#### Keypad Overview | PowerSeries Keypad Features

General Features	PK5500*	PK5501*	PK5516*	PK5508*
Display Type	LCD/ALPHA	LCD/FIXED	LED	LED
Zone Support	64	64	16	8
Partition Support	8	8	8	8
Number of Function Keys	5	5	5	5
Dedicated Function Keys	Yes	Yes	Yes	Yes
Dedicated Emergency Keys	Yes	Yes	Yes	Yes
Dual Emergency Keys	No	No	No	No
Key Size	Large	Large	Large	Large
AC Status LED	Yes	Yes	Yes	Yes
Integrated Low Temperature Sensor	Yes	Yes	Yes	Yes
Zone Input	Yes	Yes	Yes	Yes
PGM Output	Yes	Yes	Yes	Yes
DEOL Zone Supervision	Yes	Yes	Yes	Yes
Intuitive Clock Programming	Yes	No	No	No
Backlighting Adjustment Control	Yes	Yes	Yes	Yes
Buzzer Adjustment Control	Yes	Yes	Yes	Yes
Multiple Chimes Per Zone	Yes	Yes	Yes	Yes
Hardware				
Bezel Color	White	White	White	White
Soft/Hard Lens	Hard	Hard	Hard	Hard
Profile	Landscape	Landscape	Landscape	Landscape
* Integrated RF Receiver Models	RFK5500/RFK5564	RFK5501	RFK5516	RFK5508
Buzzer/Backlighting Adjustment Retained After Power Loss	Yes	Yes	Yes	Yes
"Hands Free" Installation Hinge	Yes	Yes	Yes	Yes
Wire Channel	Yes	Yes	Yes	Yes
Single-Gang Box Mount	Yes	Yes	Yes	Yes
Double-Gang Box Mount	Yes	Yes	Yes	Yes
Case Tamper (Dual Tamper Support)	Yes	Yes	Yes	Yes

<sup>\*</sup> RFK versions of these keypads are available with a built-in wireless receiver and support 32 or 64 wireless zones and 16 wireless keys

Modules

PowerSeries



#### PC5320 Multiple Wireless Receiver Module

- Multi-frequency support for combination of 900/433 MHz receivers
- Compatible with PC1616, PC1832 and PC1864 PowerSeries control panels

Available in NA, LATAM, EMEA and APAC

• Can be used to connect up to 4 wireless receivers for increased coverage



#### PC5100 PowerSeries Addressable Zone Expander

- Connect up to 32 addressable detectors (AML)
- Detectors can be home-run, t-tapped or daisy chained

Available in NA, LATAM, EMEA and APAC

- Easy detector enrollment process
- Compatible with PC1616, PC1832 and PC1864 control panels

#### PC5108 PowerSeries 8-Hardwire Zone Expander

- Adds 8 hardwire zones
- AUX power, 125 mA (PTC protected)

• Compatible with PC1616, PC1832 and PC1864 control panels

Available in NA, LATAM, EMEA and APAC



#### PC5200 / PC5204 PowerSeries Power Supply Modules

- Fully supervised for AC failure, low battery and AUX failure
- PC5204 adds 4 programmable high current voltage outputs: rated at 1 Amp @ 12 VDC, output #1 can be used as a supervised bell output

Available in NA, LATAM, EMEA and APAC

- Connect one PC5204 and up to four PC5200 supervised modules on a system
- Provides up to 1 Amp @ 12 VDC
- Compatible with PC1404, PC1616, PC1832 and PC1864 control panels



#### PC5208 PowerSeries Programmable Output Module

- Provides 8 low current (50 mA) PGM voltage outputs
- Compatible with PC1616, PC1832 and PC1864 control panels

Available in NA, LATAM, EMEA and APAC

#### PC5400 Printer Interface Module

• Compatible with PC1616, PC1832 and PC1864 control panels

Available in NA, LATAM, EMEA and APAC

• Can be used to support a serial printer



#### PC5950 Universal 2-Way Vox Audio Verification Module

- Supports both 2-way audio VOX and push-to-talk verification
- Supports 4 microphones and 2 speakers
- KEYBUS direct connect allows all programming to be performed at the system keypad or remotely using dls 5 software
- KEYBUS compatible with PC1616, PC1832 and PC1864 control panels

Available in NA, LATAM, EMEA and APAC

- Universal installation compatibility with any control panel using either PGM and/or Bell dry contact outputs
- Silent/Listen-in functionality on hold-up alarms (activates only when an alarm occurs)
- User call-in feature



#### IT-230 RS-422 Interface Module

- Compatible with PowerSeries panels v4.5 and higher
- 4-wire keybus and included PC-LINK header hookup

Available in NA

• Compatible with leading-edge interactive solutions supported by DSC



#### IT-100 PowerSeries Integration Module

- Bi-directional RS-232 interface
- Real-time zone status
- Fully programmable
- 4-wire hook-up to KEYBUS
- Virtual keypad mode

Available in NA, LATAM, EMEA and APAC

- Compatible with PowerSeries control panels PC1616/PC1832/PC1864
- Thermostat control functionality via a DSC Escort module





#### PC5962 Contoured Audio Station

- Equipped with speaker/microphone
- New modern look
- Fits seamlessly to side of PK/RFK series of keypads

Available in NA, LATAM, EMEA and APAC

- Specifically designed for 2-way voice verification
- 4-wire connection to module
- Compatible with PC5950 module



Modules

PowerSeries

Solutions

Hybrid

#### PC5964E Large Speaker Station

- Equipped with speaker/microphone
- New modern look
- Specifically designed for 2-way voice verification
- Bell follower functionality (replaces internal sounder on premises) (PC5950 only)

Available in NA, LATAM, EMEA and APAC

- 4-wire connection to module
- Surface or single-gang box mount
- Compatible with PC5950 and HSM2955(R) modules



#### PC5961E Stand-Alone Audio Station

- Equipped with speaker/microphone
- New modern look
- Specifically designed for 2-way voice verification

Available in NA, LATAM, EMEA and APAC

- 4-wire connection to module
- Surface or single-gang box mount
- Compatible with PC5950 and HSM2955(R) modules

#### RF5132-433 / RF5132-868 PowerSeries Wireless Receiver

- Supports 32 wireless zones, 16 wireless keys
- All wireless detectors are fully supervised for communication integrity
- Compatible with PC1616, PC1832 and PC1864 control panel

Available in NA, LATAM, EMEA and APAC

- RF5132-433 is compatible with PC585, PC1616, PC1832 and PC1864 control panels
- Available in either 433 MHz or 868 MHz



#### TR5164-433 PowerSeries 2-Way Wireless Transceiver

- Supports both 2-way and 1-way wireless devices
- Supports 4 wire-free keypads (WT5500 /WTK5504)
- Supports 16 wireless keys (any combination of 1-way or 2-way wireless keys)
- Supports 60 wireless zones on PC1864
- 8-partition support for 1-way wireless keys
- Compatible with PC1616, PC1832 and PC1864 v4.6+

Available in NA, LATAM and APAC

#### 3G2060(R) HSPA Cellular Alarm Communicator

- Compatible with PC1864/1832/1616 control panels (v4.1 and higher)
- Back up and primary HSPA alarm communication
- Panel remote uploading/downloading support via cellular
- Supervision heartbeats via cellular
- 128-bit AES encryption via cellular
- Full event reporting
- SIA or Contact ID protocol (with PowerSeries V4.5+ and communicator V1.1+)

Available in NA, LATAM, APAC, Europe, Africa

- Compatible with Sur-Gard System I-IP/II/III/ IV/5 monitoring station receivers
- UL standard & encrypted line security
- ULC passive or active line security levels • Antenna Extension Kits available: GS-
- 15ANTQ, GS-25ANTQ, GS-50ANTQ • Signal strength and trouble display
- PC-Link connection



## TL2603G(R) Internet and HSPA Dual-Path Alarm

#### Communicator

- Compatible with PC1864/1832/1616 control panels (v4.1 and higher)
- Fully redundant Internet and HSPA dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via cellular and Internet
- Supervision heartbeats via cellular and
- 128-bit AES encryption via cellular and Internet
- Full event reporting
- SIA or Contact ID protocol (with PowerSeries V4.5+ and communicator V1.1+)
- Compatible with Sur-Gard System I-IP/II/III/ IV/5 monitoring station receivers

Available in NA, LATAM, APAC, Europe, Africa

- UL standard & encrypted line security
- ULC passive or active line security levels
- Active cellular account is required to use IP
- Antenna Extension Kits available: GS-15ANTQ, GS-25ANTQ, GS-50ANTQ
- Signal strength and trouble display
- PC-Link connection



## TL260(R) Internet Alarm Communicator

- Compatible with PC1864/PC1832/PC1616 control panels (v4.1 and higher)
- Panel remote uploading & downloading via internet using DLS 5
- Programmable using DLS 5 or keypad
- Supervision heartbeat via internet

Available in NA, LATAM, APAC, Europe, Africa

- 128 Bit AES Encryption
- Full event format
- SIA or Contact ID protocol (with PowerSeries V4.5+ and communicator V1.1+)
- Compatible with Sur-Gard System I-IP/II/III/ IV/5 monitoring station receivers



MAXSYS

Hybrid Solutions

Modules



#### PC4020 MAXSYS Control Panel

- 16 on-board zones
- Expandable up to 128 zones using hardwire, wireless modules and addressable zones
- Supports up to 16 hardwired keypads
- 8 partitions
- Expandable to 64 wireless zones
- 1,500 user codes (4 or 6 digit)
- 3,000 event buffer

Available in NA, LATAM, EMEA and APAC

- 9 account and 3 phone numbers
- Built-in telephone line and siren supervision
- Automatic SIA and Contact ID formats
- Supports Cellular and T-Link™ alarm communicators
- Full upload/download support with DLS 2002 software
- COMBUS hardwired expansion



#### MaxKit MAXSYS Access Control Kit

This affordable package is the perfect access control starter kit. It has all the essentials you need: control panel, access control module, reader and keys in one low-cost package. If needed, the system can be easily expanded

#### Includes:

- 1 PC4020 control panel
- 1 PC4820 2-reader access control module
- 1 P225W26 ioProx reader
- 10 P40KEY ioProx dual-encoded proximity keys

Available in NA, LATAM and APAC



#### LCD4501 MAXSYS Programmable-Message LCD Keypad

- Connect up to 16 keypads
- Large, backlit, 2-line, 32-character display
- Plain-language display of zone status, system status, trouble conditions, event buffer, system instructions, date and time

Available in NA, LATAM, EMEA and APAC

- Ready, Armed and Trouble LEDs
- 5 programmable function keys
- 4 keypad-activated alarms: Panic, Auxiliary, Fire and Duress
- Backlight boost

#### PC4204 / PC4204CX MAXSYS Power Supply/Relay Output/Combus Repeater Module

- Connect up to 16 modules
- 4 programmable form 'C' relays rated at 2 Amps @ 30 VDC

Available in NA, LATAM, EMEA and APAC

• Fully supervised for AC failure, low battery and AUX failure



#### PC4216 MAXSYS 16 Low Current Output Module

- Provides 16 programmable outputs:rated at 50 mA @ 12 VDC
- Available in NA, LATAM, EMEA and APAC
- Connect up to 9 PC4216 modules per system



#### PC4401 MAXSYS Data Interface Module

- Connect up to 4 modules
- Capable of performing as either a bidirectional RS-232 interface, PC-Link isolator or printer module

Available in NA, LATAM, EMEA and APAC

- Real-time zone status
- Fully programmable
- 4-wire hook-up to COMBUS



#### PC4820 MAXSYS 2-Reader Access Control Module

- Connect up to 16 modules
- Multiple reader technologies
- 2 supervised lock outputs: 250 mA per output
- 2 access door support per module for up to total of 32 on system
- Available in NA, LATAM, EMEA and APAC
- 99 date schedules
- 4 holiday groups
- Arm/Disarm partitions via access control
- PC5003C beige cabinet included
- 64 user access levels



Accessories



#### RF4164-433 MAXSYS Wireless Receiver

- Supports 64 wireless zones, 16 wireless keys
- Up to 8 receivers on one system

Available in NA, LATAM, EMEA and APAC

 All wireless detectors are fully supervised for communication integrity



#### PC4108A / PC4116 MAXSYS 8/16 Hardwire Zone Expanders

- PC4108A adds 8 hardwire zones
- PC4116 adds 16 hardwire zones
- Available in NA, LATAM, EMEA and APAC

 AUX power rated at 250 mA (PTC protected)



#### PC4632 / PC4664 MAXSYS 32/64 Point Graphic

#### Annunciators

- Egg-crate backplate for flexible LED locations
- Available in NA, LATAM, EMEA and APAC
- Pre-printed point display transparency
- Clear transparencies (2) for custom graphics



#### TL250 Internet Alarm Communicator

- Compatible with PowerSeries (v3.24 and higher) and MAXSYS (v3.31 and higher) control panels
- Works over local LAN/WAN network or the Internet
- 128-bit AES encryption (NIST approved)
- Supports DHCP (dynamic IP addresses)
- Low network bandwidth requirements
- Compatible with 10/100BaseT networks Reports events to 2 different receiver
- Polling and hardware substitution protection
- Instant, always-on IP communication
- Software upgrades via network

IP addresses

Available in NA, LATAM, EMEA and APAC

- 4 on-board programmable inputs and 2 programmable voltage outputs as standalone module
- Programmable through the system keypad, PK5500 LCD keypad or T-Link Console software
- Download control panel via Internet with DLS software
- Compatible with Sur-Gard System I-IP/II/ III/IV/5 monitoring station receivers
- UL standard & encrypted line security
- ULC passive or active line security levels A1-A4

#### T-REX Request-To-Exit Detector

MAXSYS supports passive infrared request-to-exit detector with patented X-Y targeting™ and DSP (Digital Signal Processing).

To order or request more information on Kantech products, please visit www.kantech.com.

Available in NA, LATAM, EMEA and APAC





#### Readers

MAXSYS supports a wide range of 26-bit Weigand readers: Polaris™, ioProx™, Shadowprox™, HID and K antech XSF Technologies.

To order or request more information on Kantech products, please visit www.kantech.com.

Available in NA, LATAM, EMEA and APAC













Wireless Photoelectric Smoke Detector WS4936



Carbon Monoxide Detector WS4913



Flood Detector

WS4985

## Keypads, Arming Devices & Panic Buttons





2-Way Wireless TouchScreen Arming Station WTK5504



Wire-Free Keypad WT5500



5 Button Key

4 Button Key WS4939



**Control Panels** 

2 Button Key WS4949 12 Channel Key

5 Button

WS4959



Personal Panic WS4938

## Sirens & Repeaters





2-Way Wireless Outdoor Siren WT4901



2-Way Wireless Indoor Siren WT4911



Wireless

Repeater

WS4920

DSC Touch -7 inch 'All-in-One' TouchScreen SCW9067



**IMPASSA** 2-Way Wireless Security System SCW9055/9057

Wireless Solutions

Wireless

Keypads

# DSC



#### SCW9067 Touch - 7 inch 'All-in-One' TouchScreen

- 7 inch TouchScreen with a resolution of 800x480
- Built in apps such as Contact info and Photo Frame
- Built in Camera, takes photos on Disarm and Alarm events
- Compatible with DSC 433 Mhz One-Way Wireless products
- Dual-Path Connectivity with Integrated Wi-Fi and Cellular
- Z-Wave, Bluetooth, Image Sensor and Cellular radios built in to work with smart home products

Available in NA and AUS

- Integrated with Alarm.com to offer Interactive Services through iOS and Android apps
- Software updates over Wi-Fi and manually with an SD card
- Supports 59 Wireless zones and 242 User codes
- Built in Two-way Voice over Cellular
- Built in Siren



#### SCW9055 / SCW9057 IMPASSA Self-Contained Wireless Security System

- Supports 64 wireless zones and 16 wireless keys (without using a zone slot)
- Optional integrated HSPA (3G) cellular, internet or dual communicator
- Cellular signal strength read-out to optimize placement
- Built-in 2-way audio VOX and push-to-talk alarm communication via phone line and cellular \*
- 2-way audio is available only on IMPASSA 9057 Self-Contained Wireless Security Systemt
- 4 keypad support
- 4 siren support
- 16 wireless keys
- Easy wireless device enrollment process

Available in NA, LATAM, EMEA and APAC

\*2-way is available only on SCW9057

- Template programming
- Full 32-character programmable labels
- 5 programmable function keys
- Individual FAP Emergency keys
- 17 user access codes
- 500 event buffer
- False alarm reduction features (CP-01)
- Enlarged keypad buttons
- Outdoor temperature display (requires wireless siren)
- Label library
- Compatible with leading edge interactive services (supported by DSC SCW9057 model only)

#### WTK5504 2-Way Wireless TouchScreen Arming Station

- 4.3" full color display
- AC plug-in
- Rechargeable batteries
- 24 hr battery back-up user programming user function
- Night light sleep mode
- Proximity arm/disarm (WTK5504P only)
- Voice chime/voice prompts
- Wall and desk stand mount

Available in NA, LATAM and APAC

- Multi-language support
- 3-5 year battery life
- Tamper switch
- Compatible with IMPASSA, Alexor and PowerSeries (via TR5164-433)
- 5 programmable function keys
- 3 emergency keys
- Supports Alarm.com messaging



#### WT5500 2-Way Wire Free Keypad

- 2x16 full message display
- Intuitive clock programming
- Multiple door chime
- Ambient light sensor
- Display and keymat backlighting
- Outdoor temperature display
- Wall and Deskstand\* mount
- Proximity Tag PT4 Arm/Disarm (WT5500P Only)
- Installer's programming
- Multi-language support

Available in NA. LATAM, EMEA and APAC

\* WT5500D or WT5500DMK

- 5 programmable function keys3 one-touch emergency keys
- Tamper switch
- Nominal battery life 1 year
- Compatible with IMPASSA and PowerSeries (via TR5164-433)
- Visual armed status during sleep mode
- Blue LCD display screen
- Supports Alarm.com messaging
- Available in 433 MHz or 868 MHz



Wireless

Intrusion

Accessories

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Sensors



#### 3G2055 HSPA Cellular Alarm Communicator

- Compatible with IMPASSA Wireless Panel
- Back up and primary HSPA alarm communication
- Panel remote uploading/downloading support via cellular
- Supervision heartbeats via cellular
- 128-bit AES encryption via cellular
- SIA and Contact ID protocol
- Signal strength and trouble display via IMPASSA keypad

Available in NA, LATAM and EMEA

- Full event reporting
- Compatible with Sur-Gard System I-IP/II/III/IV/5 monitoring station receivers
- Command and Control via SMS
- 2-Way voice over cellular (with IMPASSA v1.1 firmware)
- Antenna Extension Kits available: GS-8ANTP, GS-15ANTQ, GS-25ANTQ, GS-50ANTQ



#### 3G8055(I) / CD8055(I) - IMPASSA HSPA / CDMA Cellular Alarm Communicator

- Compatible with IMPASSA v1.3+
- 4 integrated communicator models:
- 3G8055; 3G8055I\*; CD8055\*\*; CD8055I\*/\*\* • 2 integrated cellular technologies: HSPA (3G); CDMA (only available in US)
- Cellular signal strength read-out to optimize placement

Available in NA, LATAM and APAC

- \* Required for supporting image sensors
- \*\* Only available in US
- \*\*\* Only the (I) model

- Built-in Z-Wave automation
- Easy wireless device enrollment process
- Supports image sensors via virtual zones\*\*\*
- Alarm.com AirFX Support
- Remote firmware upgradable over cellular
- Allows compatible web services
- Internal antennae



#### WS4945\* / WS8945 Wireless Door/Window Contact

- Built-in reed switch
- Normally closed external contact input
- 1 lithium battery included

Available in NA, LATAM, EMEA and APAC

\* WS4945N normally open version available

- Reliable 433 MHz or 868 MHz technology
- Available in white or brown housing
- Case and wall tamper



- Wafer-thin profile
- Long-life lithium battery included

Available in NA, LATAM and APAC

- 5/8" (16 mm) magnet gap
- Reliable 433 MHz or 868 MHz technology
- Includes double-sided tape



#### EV-DW4917 Wireless Recessed Door Transmitter

- Small, compact design
- Long-life lithium battery included
- Flexible mounting options (screw mount or press fit)

Available in NA, LATAM and APAC

- Reliable 433 MHz technology
- Powerful, rare earth magnet
- Ships complete with flanged/non-flanged, brown/white access caps



#### WS4965 Tri-Zone Wireless Door/Window Contact

- 3 zones in 1 (each zone has an individual serial number)
- 1 reed/magnet combination zone
- Tilt switch mode for overhead doors
- 2 normally closed external contact inputs
- Long-life lithium battery included

Available in NA. LATAM and APAC

- 1/2" (13 mm) maximum magnet gap
- Low-battery LED indicator
- Case tamper
- Reliable 433 MHz technology
- Includes backplate

#### WS4904 / WS8904 Wireless Passive Infrared Detector WS4904P Wireless Pet-Immune Passive Infrared Detector

- Based on the Bravo® 3D hardwire motion detector
- High-traffic shutdown
- WS4904P features pet immunity up to 60 lb (27 kg)
- Fast and Slow detection settings for easy adjustment

Available in NA. LATAM. EMEA and APAC

\* WS4904P offers enhanced wireless communication in areas with high RF noise



# EV-DW4927SS Wireless Shock Sensor With Built-In Door/

- Window Contact
- Electro mechanical shock sensor Adjustable sensitivity
- Alarm pre-alert

Accessories

 $\propto$ 

Sensors

Solutions

Available in NA, LATAM and APAC

Built-in reed switch contact

• 1 lithium battery included

• 40ft detection range

• Reliable 433MHz or 868 MHz technology

- User-replaceable lithium battery
- 433MHz





#### WT4989 / WT8989 2-Way Wireless Key

- Backlit ICON display
- Built-in buzzer for audible feedback
- Key tactile feedback
- 4 one touch function keys, programmable for up to 6 functions
- Status button indication
- Key-lock function to prevent accidental button presses

Available in NA, LATAM, EMEA and APAC

- Active alarm indication
- Water resistant
- Multifunction clip
- Nominal Battery life 3 years Compatible with IMPASSA and
- PowerSeries (via TR5164-433)



#### WS4938 1-Button Personal Panic

- Activation via 1 large, easy-to-use button
- Integrated LED to indicate signal transmission
- Neck strap and multifunction belt clip included

Available in NA, LATAM, EMEA and APAC

- Reliable 433 MHz technology
- Water resistant
- Full 2-second delay on panic button
- Long-life lithium batteries included
- Optional wireless supervision



#### WS4949 2-Button Wireless Key

- 2-button, 3-function wireless key
- Activation via 2 large, scratch-resistant buttons
- Full 3-second delay on panic function
- Integrated LED to indicate signal transmission

Available in NA, LATAM and APAC

- Reliable 433 MHz or 868MHz technology
- Long-life lithium batteries included
- Water resistant



#### WS4939 / WS8939 4-Button Wireless Key

- Durable, scratch-resistant buttons
- 4 programmable function keys
- Long-life lithium batteries included
- Full 3-second delay on panic alarm to reduce false alarms

Available in NA, LATAM, EMEA and APAC

- Multifunction belt clip included
- Reliable 433 MHz or 868 MHz technology
- Optional generic rubber insert included
- Water resistant



#### WS4959 5-Button Wireless Key

- 12 programmable function keys
- Integrated tri-color LED to indicate signal transmission and security modes
- 4 durable, scratch-resistant buttons and center toggle button
- Available in NA, LATAM and APAC
- Multifunction belt clip included
- Reliable 433 MHz technology
- Full 3-second delay on panic function
- Long-life lithium batteries included
- Water resistant

Wireless

Sirens

Sensors & Accessories



#### WS4913 / WS8913 Wireless CO Detector

- Slim-line design
- Built-in 85dB alarm at 10 ft (3 m)
- Malfunction supervision
- Low sensitivity supervision
- Electrochemical sensing technology
- Transmits RF status, low battery and tamper condition
- Hush feature
- Wall tamper
- 4-5 year battery life

Available in NA. LATAM, EMEA and APAC

- Onboard LEDs indicate:
- Red Alarm
- Yellow Trouble
- Green Power
- Amber Warm Up
- End-of-Life (EOL) indicator (5 years)
- Low battery supervision
- Compatible with IMPASSA and PowerSeries v4.5 & higher
- Reliable 433 MHz or 868 MHz technology



#### WS4936 Wireless Photoelectric Smoke Detector

- Automatic drift compensation
- Built-in 85dB hom
- Local test button
- · Low profile design
- High/Low sensitivity reporting

Available in NA

- Easy-maintenance removable smoke chamber
- Long-life lithium batteries included
- UL/ULC listed for residential applications
- Low battery indication



#### WS4985 / WS8985 Wireless Flood Detector

- Based on WS4945 wireless door/window contact
- Water probe through a (1.8 m)6 foot-wire
- Fully supervised
- Built-in reed switch

Available in NA. LATAM. EMEA and APAC

- Normally closed external contact input
- 1 lithium battery included
- Case and wall tamper
- End-of-line resistor
- 4 year battery life





#### WT4901 / WT8901 2-Way Wireless Indoor Siren

- Siren Output 85dB
- Siren sounds for alarms, door chimes, entry/exit delay and troubles
- Transmits RF status, low battery and tamper condition

Available in NA, LATAM, EMEA and APAC

- Front and back tamper detection
- Nominal battery life 1 year
- Compatible with IMPASSA (433 MHz)
- Onboard test button



#### WT4911 / WT8911 2-Way Wireless Outdoor Siren

- Siren Output 100dB
- Siren sounds for alarms and squawks
- Strobe light functionality for visual indication
- Provides temperature to WT5500 wire-free keypad
- Transmits RF status, low battery and tamper condition

Available in NA, LATAM, EMEA and APAC

- Large print area for company logo
- Front and back tamper detection IP34 rating
- Nominal battery life 2-3 years
- Compatible with IMPASSA (433 MHz)
- Remote test capability



#### WS4920 / WS8920 Wireless Repeater

- Greatly extends the range of DSC 1-way wireless devices
- Backward compatible with existing security systems including, IMPASSA, PowerSeries and MAXSYS
- WS4920 identifies the optimal location for mounting taking in to consideration noise and interference
- Quick enrolment of DSC 1-way wireless devices

Available in NA, LATAM, EMEA and APAC

- - Status LEDs for AC, battery and RF Jam • Up to four repeaters can be installed for
  - each panel/receiver
  - WS4920 supports up to 164 wireless devices
  - Wall and case tamper protection
  - Aesthetically pleasing design



PowerSeries Neo and Alarm.com come together - for the ultimate smart security solution.



The combination of easy-to-install hybrid scalable security solutions by DSC and smart business solutions by Alarm.com elevate commercial security to a whole new level. With features like video monitoring, automation and energy management you have visibility and control of your business whenever you need it.

Welcome to Security Redefined.

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# All-in-One. Always Connected



7" TouchScreen with built-in camera and compatible with DSC 433 Mhz one-way wireless products

















Communicators

Transmitters

# DSC



#### 3G4000 HSPA Universal Cellular Alarm Communicator

- Compatible with control panels that communicate using the Contact ID format
- Uses HSPA (3G) network for high-speed, reliable and low-cost communications to Sur-Gard System I-IP/II/III/V/5 receivers
- Activation and initialization via website or mobile interface provided by C24 Communications
- View communicator status directly from your mobile phone to support on-site or remote troubleshooting
- SMS command & control for panel arm/disarm
- 2 on-board outputs

Available in NA

- 2 on-board inputs
- Full event reporting
- Two unique trouble display models
- Advanced carrier selection to secure a suitable cellular connection
- Monitors the panel's attempts to communicate to determine if cellular backup communications are necessary
- Call routing to direct cellular signals to multiple receivers based on dialed number
- Antenna Extension Kits available: GS-8ANTP, GS-15ANTQ, GS-25ANTQ, GS-50ANTQ
- Rogers or AT&T SIM card (included)



#### GS4005 / 3G4005 Universal Cellular Communicator

- Stand alone and KIT versions
- EN50136 Approved
- Integrated Antenna
- Remote programming by DLS 5
- Communicates directly with the central monitoring station

Available in LATAM, EMEA and APAC

- 6 programmable terminals (input/output)
- CiD to Voice messages function and CiD to SMS message function
- USB port for local programming;
- Connector for optional external antennas
- Optional Li-lon Battery for 6 hours autonomy



## 3G4010CF HSPA Universal Wireless Commercial Fire Alarm Communicator

- Uses HSPA (3G) network for high-speed, reliable and low cost communications to an IP receiver
- Automatically switches to 2G (EDGE/GPRS) if 3G service is not available
- Compatible with control panels that communicate using Contact ID or SIA (300 baud) formats
- Full event reporting
- 4 on-board inputs with NC, NO or SEOL supervision

Available in NA

- 4 on-board outputs (open collector)
- Activation and initialization via web-user or mobile interface provided by C24 Communications
- View communicator status directly from your mobile phone to support on-site or remote troubleshooting
- Compatible with Sur-Gard® System I-IP/II/III/ IV/5 monitoring station receivers
- Includes UL listed power supply, transformer and 7 Ah rechargeable battery

#### TL300 Universal Internet Alarm Communicator

- Compatible with most control panels that use the Contact ID format
- Instant, always-on IP communication
- Works over local LAN/WAN network or the Internet
- 128-bit AES encryption (NIST approved)
- Supports DHCP (dynamic IP addresses)
- Low network bandwidth requirementsCompatible with 10/100BaseT networks
- Reports events to 2 different receiver
   IP addresses

Available in NA, LATAM, EMEA and APAC

- UL standard & encrypted line security
- 12-24 volt DC support (v1.5 and higher)
- 4 on-board programmable zone inputs and 2 programmable voltage outputs as standalone module
- Programmable through the PK5500 LCD keypad or T-Link Console software
- Software upgrades via network
- Compatible with Sur-Gard System I-IP/II/III/ IV/5 monitoring station receivers
- Polling and hardware substitution protection



#### TL300CF Kit

- · Commercial fire internet communicator
- Works with any control panel that communicates using Contact ID format
- Configured for standalone commercial fire applications
- Compliant with NFPA72 Editions: 2002, 2007, 2013
- Power supply included
- Compatible with most control panels that use the Contact ID format
- 128-bit AES encryption (NIST approved)
- Supports DHCP (dynamic IP addresses)Low network bandwidth requirements
- Reports events to 2 different receiver
- IP addresses

Available in NA

- UL standard & encrypted line security
- 4 on-board programmable zone inputs and 2 programmable voltage outputs as standalone module
- Programmable through the PK5500 L CD keypad or T-Link Console software
- Software upgrades via network
- Compatible with Sur-Gard System I-IP/II/III/
  IV/5 monitoring station receivers
- ULC passive or active security levels
- ULC active line security levels A1-A4Polling and hardware substitution protection



# Your most valuable tool may be on the web

## The dsc.com website



Robust technical library • User and installation manuals • Software • Product descriptions • Photography • Application notes • Marketing materials • Solutions • Certifications

Visit dsc.com, your complete online resource for DSC product information.





Hardwired Solutions

Hardwired





#### Bravo® 6 Twin, Dual-Element, Pet-Immune PIR Motion Detectors

- Digital signal analysis for consistent detection throughout the coverage pattern
- Digital temperature compensation for improved catch performance at critical temperatures
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures

Available in NA. LATAM, EMEA and APAC

<ul> <li>Pet immunity up to 85 lb (39 kg/m²)</li> </ul>	((
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 Optional mounting brackets available: DM-W (wall-mount bracket) or DM-C (ceiling-mount bracket)

Model	Description
BV-600	Form 'A' alarm contact
BV-601	Form 'A' alarm contact & tamper switch
BV-602	Form 'C' alarm contact & tamper switch



### Bravo® 5 360° Ceiling-Mount PIR Motion Detectors

- Temperature compensation for improved catch performance at critical temperatures
- Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures
- Sensitivity adjustment to configure the detector for normal or hostile environments
- High-level static and transient protection
- Exceptional white light immunity
- Excellent RF immunity
- Digital signal analysis for consistent detection throughout the coverage pattern

Available in NA, LATAM, EMEA and APAC

#### PIR only

Model	Description
BV-500	Form 'A' alarm contact
BV-501	Form 'A' alarm contact & tamper switch
BV-502	Form 'C' alarm contact & tamper switch

#### PIR and Glassbreak

Model	Description
BV-500GB	Form 'A' alarm contact (motion), form 'C' alarm contact (glassbreak)
BV-501GB	Form 'A' alarm contact (motion), form 'C' alarm contact (glassbreak) & tamper switch
BV-502GB	Form 'C' alarm contact (motion), form 'C' alarm contact (glassbreak) & tamper switch

#### BV-201 Bravo® 201 PIR Motion Detectors

- The Bravo 201 motion detectors feature patented Multi-Level Signal Processing (MLSP) for accurate
- Detection of human IR energy over a broad range of temperatures

Available in NA, LATAM, EMEA and APAC

- Exceptional catch performance at elevated temperatures
- High-level static and transient protection
- Sensitivity adjustment to configure the detector for normal or hostile environments



Model	Description
BV-201	Form 'A' alarm contact
BV-L1	Wall-to-Wall-lens
BV-L2	Corridor lens
BV-L3	Curtain lens
BV-L4	Pet Alley lens

#### LC-100-PI / LC-120-PI PIR Detector with Pet Immunity

- Form 'A' or 'C' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 55 lb (25 kg)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics
- Compact design for residential installations Adjustable variable pulse count
- PIR sensitivity adjustment
- Installation height is calibration free from 6 ft to 8 ft (1.8 m to 2.4m)
- Available in packages of 6 (LC-100-PI-6PK)
- LC-L1ST bracket available separately
- Corridor lens available separately



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Hardwired Solutions

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-100-PI-6PK	Form 'A' alarm contact & tamper switch
LC-120-PI	Form 'C' alarm contact & tamper switch

Hardwired

Intrusion

53





#### LC-101 PIR Detector with Camera & Pet Immunity

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 25 kg (55 lb)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics
- Wide-range operating voltage
- High reliability, trouble-free operation
- User-friendly installation with or without swivel-mount bracket

Available in EMEA

Model Description LC-101-CAMCLPAL Color PAL



#### LC-102-PIGBSS Glassbreak Detector with Pet Immunity

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Slim profile design
- Exceptional white light immunity
- Pet immunity up to 25 kg (55 lb)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and
- differentiation from backgrounds and pets
- and PIR alarm signals Advanced ASIC-based electronics
- LC-L1ST bracket available separately

Separate PIR and glassbreak sensitivity

Features ABS plastic for shock and impact

• 2 independent relay outputs for glassbreak

adjustment

protection

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-102-PIGBSS	Digital PIR and Glassbreak Detector with Pet Immunity

#### LC-103-PIMSK, LC-104-PIMW & LC-124-PIMW Dual Technology Motion Detector with Pet Immunity

- Anti-masking (LC-103-PIMSK)
- Form 'A' or 'C' alarm contact and tamper switch
- Digital signal analysis
- Pet immunity up to 55 lb (25 kg)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Microwave detection based on Doppler concept

Available in NA and APAC

- Unique microwave motion sensor module with micro-strip patch antenna
- Advanced ASIC-based electronics Height installation calibration free 2-way PIR/ microwave sensitivity adjustment
- User-friendly installation with or without swivel-mount bracket available separately: LC-L1ST

• Able to adjust sound sensors separately

Ceiling- or wall-mount installation

• Features ABS plastic for shock and

• Slim profile design

impact protection



Model	Description
LC-103-PIMSK-W	Form 'A' 10.525 GHz alarm contact & tamper switch
LC-104-PIMW-W	Form 'A' 10.525 GHz alarm contact & tamper switch
LC-124-PIMW-W	Form 'C' 10.525 GHz alarm contact & tamper switch

#### LC-105-DGB Glassbreak Detector

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Detects the sound of all types of breaking framed glass
- Phased frequency detector sensor

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-105-DGB	Digital Glassbreak Detector



Hardwired

same time

- 16 levels of PIR sensitivity adjustment and 3 microwave sensitivity groups
- Microcontroller signal processing
- Front and back tamper protection
- Audible indication of walk test and intruder detection

- No maintenance required
- from 6 ft to 8 ft (1.8 m to 2.4 m) • Pet Immune up to 33 lb (15 kg) without pet immunity lens or up to 80 lb (36 kg) when

using supplied L C-F1-15X pet immunity lens

• Microwave frequency: 10.525 GHz

• N.O. & N.C. relays switched at the

• Installation height is calibration free

Microwave detection based on

LC-151 Dual-Tech Outdoor Motion Sensor

- PIR sensitivity adjustment
- MW intensity selection

Doppler concept

same time

- Temperature compensation
- Microcontroller signal processing

Available in NA, LATAM and APAC

- (Single PIR & Microwave) with Adjustable Pet Immunity Front and back tamper protection
  - Unique waterproof and seal plastic design
  - Detection range: up to 49 ft (15 m)
  - Detects human intruders walking or running

  - High RFI / EMI immunity
  - Protection from: direct sunlight, wind up to 30m/sec, snow and rain, small animals, removal of top cover and removal from mounting bracket

Unique waterproof sealed plastic design

Detect human intruders walking or running

Protection from: direct sunlight, wind up to

30 m/sec, snow and rain, small animals,

removal of the top cover and removal from

• Detection range: up to 12m (39ft)

No maintenance required

High RFI/EMI immunity

- Rain and dust proof: IP65
- LC-B1-15X wall mount bracket available separately

Model	Description
LC-151	Form 'C' alarm contact and tamper switches

#### LC-171 Dual-Tech Outdoor Motion Sensor (Double PIR & Microwave) with Pet Immunity

- Microwave frequency: 24.125 GHz
- Microwave detection based on
- Pet immunity up to 77 lb (35 kg)
- Temperature compensation

- Rain and dust proof: IP65

mounting bracket

Available in NA, LATAM, EMEA and APAC

Model	Description
LC-171	Form 'C' alarm contact and tamper switches

- Omni-directional microphone
- Advanced microprocessor-based glassbreak sensor
- High-level static and transient protection
- High RF immunity with SMD construction
- White noise rejection mechanism
- Installer test mode for glassbreak sensor (AFT-100 tester required)

Available in NA, LATAM, EMEA and APAC

#### Acuity® Glassbreak Detectors

- Alarm memory (latching LED) for
- glassbreak sensor MOV transient/static protection
  - Jumper selectable sensitivity range
    - Wall-Mount or Ceiling-Mount version available



#### Wall-Mount

Model	Description
AC-100	Form 'A' alarm contact
AC-101	Form 'A' alarm contact & tamper switch
AC-102	Form 'C' alarm contact & tamper switch

#### Ceiling-Mount

Model	Description
AC-500	Form 'A' alarm contact
AC-501	Form 'A' alarm contact and tamper switch



#### **DG-50AU** Glassbreak Detector

- Clean, modern design blends with any décor
- Advanced signal discrimination for accurate identification of breaking glass
- Resistant to blinding by background noises
- Sensitivity adjustment potentiometer

Available in NA, LATAM, EMEA and APAC

- Anti-shock design prevents false alarms from mechanical shock
- MOV static/lighting protection

Some products are not available in all countries. Please contact your local distributor or refer to www.dsc.com for the most current approval listings.

 SMD construction and integral ground shield for high RF immunity



Hardwired

## DSC



#### AFT-100 Glassbreak Simulator

The AFT-100 glassbreak simulator provides the most reliable and accurate indication of the correct mounting location for the detector. Do not install the detector beyond the maximum recommended range, even if the glassbreak simulator reports additional range. Future changes in room acoustics could reduce any additional range.

Available in NA, LATAM, EMEA and APAC



#### SS-102 Shock Sensor

- Unique bi-colored LED to indicate minor or major attacks
- Anti-tamper protection
- Moisture-resistant electronics module
- Sensitivity adjustment
- High immunity to low-frequency false alarms and radio interference

Available in NA, LATAM, EMEA and APAC

- Compatible with all makes of control panels
- SS-102 is able to monitor for minor vibrations (and count them to a preset limit) and for major attacks at the same time

#### FSA-210/410 Wired Photoelectric Smoke Detectors

- Automatic drift compensation
- Built-in, dual-sensor heat detector (option)
- Built-in 85dB horn (option)
- Easy-maintenance removable smoke chamber
- Interconnectable using PRM-2W/4W polarity reversal modules

Available in NA, LATAM, EMEA and APAC

- Low profile design
- Local test button
- RM-2 end-of-line power supervisory relay (4-wire detectors only) available separately



#### FSA-210

Model	Description
FSA-210(x)*	2-wire photoelectric smoke detector
FSA-210(x)T*	2-wire photoelectric smoke detector w/ heat detector
FSA-210(x)ST*	2-wire photoelectric smoke detector w/ integral sounder & heat detector
FSA-210(x)RT*	2-wire photoelectric smoke detector w/ aux. relay & heat detector

#### FSA-410

Model	Description
FSA-410(x)*	4-wire photoelectric smoke detector
FSA-410(x)T*	4-wire photoelectric smoke detector w/ heat detector
FSA-410(x)RT*	4-wire photoelectric smoke detector w/ aux. relay & heat detector
FSA-410(x)S*	4-wire photoelectric smoke detector w/ integral sounder
FSA-410(x)ST*	4-wire photoelectric smoke detector w/ integral sounder & heat detector
FSA-410(x)RST*	4-wire photoelectric smoke detector w/ integral sounder, aux. relay & heat detector

\*Legend (x) = 'A' Canadian model number (ULC listed) | (x) = 'B' U.S. model number (UL listed) | 'C' Canadian model number (EU listed).

Not all models available in all regions

FSB-210 Series Addressable Photoelectric Smoke Detectors FSB-210B (without Heat Sensor) FSB-210BT (with Heat Sensor) – Fixed Heat With Rate Of Rise (rate of rise feature not UL listed)

Automatic drift compensation

• Easy-maintenance removable smoke chamber

Not available in Canada

• Self diagnostics



Hardwired

Addressable

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# DSC



#### AML-770B Loop Isolator Module

• Isolate burglary detectors from fire detectors on the same wire run

Available in NA, LATAM, EMEA and APAC



#### AMX-400 Loop Repeater/Isolator Module

- Can be used to repeat and re-power the AML loop to allow for longer wire runs
- Requires 12 VDC power source

Available in NA, LATAM, EMEA and APAC

- Will isolate the wire run in the event of a problem
- Provides additional 170 mA



#### Addressable Contact Modules

Model	Description
AMP-700	Door/Window contact with built-in reed switch
AMP-701	Door/Window contact with normally closed external contact input
AMP-702	Fire point module with normally open, EOL resistor supervised external contact input
AMP-704	4-zone door/window contact with normally closed, single or double EOL inputs

#### AMA-100 Addressable Glassbreak Detector

- Based on the Acuity® hardwire glassbreak detector
- Detects all types of breaking glass: plate, laminated, safety and tempered

Available in NA, LATAM, EMEA and APAC

- Can be tested using the glassbreak simulator (AFT-100)
- Built-in tamper switch



#### AMB-300 Addressable Passive Infrared Detector

- Patented MLSP (Multi-Level Signal Processing)
- Interchangeable lenses: wall-to-wall lens (standard), curtain lens, pet-immune lens and corridor lens

Available in NA, LATAM, EMEA and APAC

- Built-in tamper switch
- Based on the Bravo® 3 hardwire motion detector



## AMB-500 Addressable Ceiling-Mount Passive Infrared Detector

- Based on the Bravo® 5 hardwire motion detector
- Built-in tamper switch

Available in NA, LATAM, EMEA and APAC

 Coverage diameter based on mounting height



## AMB-600 Addressable Pet-Immune Passive Infrared Detector

- Based on the Bravo® 6 hardwire motion detector
- Patented MLSP (Multi-Level Signal Processing)

Available in NA. LATAM, EMEA and APAC

- Provides pet immunity up to 85 lb (39 kg)
- Built-in tamper switch



# Sur-Gard System 5 with visual verification support.

A powerful, yet more compact virtual receiver.



Building on the Sur-Gard legacy, SG-System 5 supports alarm verification solutions to significantly reduce costs associated with false alarms.

The more compact footprint facilitates space management while offering the highest account density per U rack available in the industry.

Built-in redundancy for power and auto-switching assures continuous performance of all peripheral devices connected to the output ports.

Industry-leading reliability and unbeatable capacity, all in a compact receiver.







Central Monitoring
Station Solutions

62

Solutions

Station

**Sentral Monitoring** 

Receivers

ur-Gard

# **% SUR-GARD**



## SG-SYSTEM I / SG-SYSTEM I-IP Dual Phone Line with

#### Optional IP Receiver

- Multi-format receiver
- Integrated scheduled receiver line card testing
- Up to 63 different profiles and up to eight different handshakes per profile
- 500-event memory buffer on each individual POTS channels
- Patented ANI and DNIS reception. Automatic Handshake Selection (AHS). Caller ID capability and virtual configurations
- Continuous verification of computer (automation) connection
- One parallel, one serial, one USB. one TCP/IP printer port available
- One serial, one TCP/IP automation port
- One USB, one TCP/IP console port available

Available in NA, LATAM, EMEA and APAC

- Non-volatile RAM for programming and event buffer
- Optional support for 512 IP Communicators (SG-SYS1512IP)
- Rack mount in standard 19-inch rack with the SG-SII-RMK
- 128 Bit AES encryption over IP
- Menu-driven, 40-character, 2-line LCD display with blue backlighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgement of alarm signals when in manual mode
- Universal power supply compatible with 110/220 50 Hz/60 Hz
- Onboard flash memory and DSP for future software upgrades and enhancements

#### SG-SYSTEM II Single-Line IP Receiver



- Supports up to 512 supervised and up to 1,536 IP communicator accounts (all DSC communicators)
- Rack mount in standard 19-inch rack with the SG-SII-RMK
- TCP/IP, USB, serial outputs to automation software
- 128-bit AES encryption
- Works over local LAN/WAN network as well as the Internet
- Polling and hardware substitution protection
- Compatible with 10/100BaseT networks
- Fully programmable via SG-Systems Console software

Available in NA, LATAM, EMEA and APAC

- Menu-driven, 40-character, 2-line LCD display with blue backlighting provides instruction when in manual mode
- 4 buttons for manual programming and acknowledgement of alarm signals when in
- Universal power supply compatible with 110/220 50 Hz/60 Hz
- Onboard flash memory and DSP for future software upgrades and enhancements
- Additional 1,536 IP communicator accounts available with license key upgrade (SG-SYS21536IP)

#### SG-SII-RMK Rack Mount Kit

• Rack mount kit for SG-SYSTEM I-IP or S G-SYSTEM-II to mount in any standard 48.26 cm (19") rack

Available in NA, LATAM, EMEA and APAC

#### SG-SYSTEM III Virtual Receiver

- Up to 24 line cards per System III receiver SG-DRL3IP, SG-DRL3E or SG-DRL3-2L
- Fully "hot-swappable" modules Fully programmable via SG-Systems
- Console software
- Eliminates fixed-line hunt groups

• Fully 'hot swappable' modules

Robust built-in diagnostic software

in small footprint

output peripherals

lines cards and CPM

Available in NA

System IV IP Receiver

Available in NA, LATAM, EMEA and APAC

• Supports over 120 communication formats

• Auto-switching redundancy for power and to

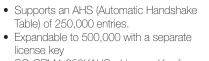
Supports up to 24 line cards – IP or PSTN

• 'Flash' download for software updates for

#### • Integrated scheduled receiver line card testing

- Blocks unwanted communications
- Upgradeable flash memory
- Automation output over TCP/IP or RS-232







• Supports up to 9216 IP accounts per SG-DRL4-IP



#### SG-System 5 IP Receiver

- 4U in height (half the height of a redundant System III)
- Integrated redundancy for CPM's automation, power supplies and LCD touch screen interface
- Support for up to 24 IP line cards, expandable to 1,474,560 IP accounts\*
- Single and Dual PSTN line cards with support for 150+ communication formats\*

Available in NA, LATAM, EMEA and APAC

#### SG-DRL5-IP Line card

- 512-event memory buffer/card
- 128-bit AES encryption
- Anti-hack design
- Compatibility with all DSC IP Alarm Communicators (Cellular or Ethernet) and licensed partners

Available in NA, LATAM, EMEA and APAC

- Split Reporting and Multi-Port automation modes add scalability and redundancy to automation connections
- Lockable AHS table format and handshake options offer increased control of PSTN communication
- Integration with automation software for visual verification
- Ability to view visual verification via SG-Systems Console (license required)

\*Product and Feature availability varies by region



- 512 supervised IP accounts
- 3,072 unsupervised IP accounts
- Additional IP accounts can be added (up to 61,440) via license keys



#### A World Class Service Agreement Program for Ultimate Reliability

As the world leader in Central Monitoring Station equipment, Sur-Gard is committed to ensuring on-going satisfaction to customers worldwide who have made Sur-Gard the brand of choice for alarm receiving equipment. The System III /IV and 5 offer a full Service Agreement Program that provides exclusive benefits, such as:

- 5% off all future hardware purchases
- Access to Monthly Sur-Gard Webinars
- Unlimited Firmware upgrades
- Free 30 Day Loaner Receiver Program
- 24hr/7 days a week Tech Support
- Advanced Hardware Replacement Program

required by all components that make up today's Central Monitoring Station. Contact DSC Customer Service at 1-800-418-7618 to inquire about the Sur-Gard Service

This unique approach demonstrates Sur-Gard's commitment to ensuring reliability that is

Agreement Program for additional exclusive benefits.

# DSC

#### DLS 5 Downloading Software

DLS 5 is future-ready! Primed for compatibility with future technologies, DLS 5 Downloading Software offers user-friendly interfaces. It runs on Microsoft's powerful. NET Framework 4.0 and now uses an ultra-light SQLite database. Installation is quick and easy. All necessary software packages will be installed automatically during the DLS 5 installation process.

NOTE: SQLite is a light-weight database which does not require any database engine installation.

#### Features:

- Supports a wide array of DSC products, from the latest released products back to PowerSeries v4.1
- Tightly integrated with C24 Communications to allow cellular connections
- Available in "Workgroup" mode, enabling larger organizations to host a centralized support database
- Optimized communication workflows allowing scheduled communications, unattended communications and complete communication queue
- Packed with record keeping & convenience features to meet all your business needs

#### Supported Database:

• SQLite

#### Minimum System Requirements:

 1GHz Pentium III compatible processor; 1GB of RAM; up to 2GB of available disk space

Available in NA, LATAM, EMEA and APAC

### WebSA - System Administrator Software

To perfectly complement the alarm industry's most flexible hybrid intrusion system, DSC has released revolutionary software – WebSA System Administrator. Giving administrative users unprecedented ability to manage, monitor and control user functionality of their security system, WebSA System Administrator features user-friendly and intuitive interfaces with 'Real-Time' Dashboards.

#### Minimum System Requirements:

- 1GHz Pentium III compatible processor;
   1GB of RAM; up to 2GB of available disk space
- Please refer to www.dsc.com for Operating System Support

Available in NA, LATAM, EMEA and APAC







Services

 $\propto$ 

Solutions

Software

# DSC



#### Routine System Management (RSM)

PowerSeries Neo's Routine System Management is a revolutionary remote inspection tool leveraging comprehensive diagnostic data to reduce operating costs by dramatically reducing the number of truck rolls required for diagnostics and maintenance of the security system. Using a simple yet highly efficient workflow process which encompasses steps such as Automatic Connection, Data Collection, Evaluation and Resolution, RSM removes, wherever possible, the need for site visits.

#### Features:

- Automatic RSM inspections
- Report generation
- Ability to set frequency intervals for RSM inspections
- RSM report history
- RSM report results for "Pass" or "Service Required" status
- Ability to approve or fail RSM reports
- Ability to set a new baseline for system diagnostic values
- Hardware diagnostics
- Wireless device network diagnostics
- Virtually monitor keypad mode for viewing the actions on the physical keypad in real-time
- RSM operator permissions
- Ability to export RSM report into XML or PDF file

Available in NA, LATAM, EMEA and APAC

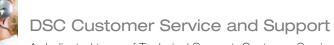




Since 1998, C24 Communications has been activating and administering cellular devices (DSC branded Alarm Communicators) for security alarm dealers in North America. The units are activated through a mobile interface or via C24 Communications' web portal.

These secure interfaces allow for the activation, editing and deactivation of accounts, the retrieval of device status and programming or modification of communicator options. For more information on C24 Communications, please visit www.connect24.com.





A dedicated team of Technical Support, Customer Service and Sales Support Representatives are available to provide security professionals with valuable expertise and in-depth product knowledge. The Customer Service and Support Center offers extended hours of services and access to all departments within DSC with multilingual support.

DSC understands that security dealers everywhere need more than just great products, they deserve exceptional service and support as well. That is why we

have committed resources to ensure we're in a position to help our customers as

For any inquiries, general product information or the location of the nearest DSC distributor, please call 1 888.888.7838 (Toll Free) / +1 905.760.3000 or email us at info@dsc.com.

Global tech support contact information:

North America: +1-800-387-3630 Latin America: +1-905-760-3000

EMEA & AsiaPac: Toll Free 800-22558926

#### DSC Marketplace

The DSC Marketplace is your primary method for ordering product-specific literature, associated marketing support materials and promotional items. To access this great service, please visit www.dscmarketplace.com and complete the short registration form. Your account will be activated within 48 hours allowing you to start browsing the site at your convenience. To ensure proper materials are being ordered, you can view thumbnail pictures as well as download PDF files of all items. For more information please visit www.dscmarketplace.com.

#### www.dsc.com

The DSC website is an intuitive, easy-to-navigate resource that provides security professionals with access to a wealth of product-specific information. Password-protected areas are tailored specifically for security dealers and offer the latest news on DSC products, corresponding events and launches, the latest technical support materials and diagnostic tools, and helpful industry and association links. Downloadable PDF versions of all DSC sales and specification sheets, images, end-user manuals, architect and engineer specifications, plus the complete DSC product catalog can be found on the website. Visit www.dsc.com to learn more.



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