Product Range, March 2008.

HKC

Panels

SW-812

SW8XX Series
SW812 & SW1212 Control Panel, housed in 1.2mm thick steel box and comes with an RKP.
* 8 on-board zones fully analysed
* 4 keypads & 1 expander (**SW1212** expander pre-fitted)
* The 4 expander zones fully analysed
* 48 zones with ID sensors / zone modules
* 4 Users (7 **SmartLink 7** remote users)
* 250 event engineer log
* Plug-on digi modem supporting SMS texting

* Mains: 230Vac +/- 10%, 50Hz
* Output: 13.7Vdc +/- 5%
* Current consumption: 75mA (from battery)
* -10 to +40 °C
* 3,200g
* 236mm x 360mm x 86mm
* EN 50131 Grade 2 Class II

SW-16120

SW16120 Control Panel housed in 1.2mm thick steel box and comes with an RKP.
* 120 zones, fully expanded
* 8 on-board zones, fully analysed
* 8-way block system with 1 common area
* 8 keypads & 14 expanders (1 exp. pre-fitted)
* All expander zones fully analysed
* 156 zones with ID sensors zone / modules
* 64 Users (7 **SmartLink 7** remote users)
* Up to 234 programmable outputs
* Output Mapping
* 500 event engineer log
* Plug-on digi modem supporting SMS texting

* Mains: 230Vac +/- 10%, 50Hz
* Output: 13.7Vdc +/- 5%
* Current consumption: 75mA (from battery)
* -10 to +40 °C
* 3,300g
* 236mm x 360mm x 86mm
* EN 50131 Grade 2 Class II

SW-RKP

RKP housed in ABS
* LCD text display (16 characters)
* Back-lit display & key-mat
* Audible "System Arming / System Unset"
* Audio message feature
* Up to 4 RKP's per **SW812** / **SW1212** system
* 8 RKP's per **SW16120** system
* Integral Panic Button

* Quiescent Current: 25mA
* Maximum Current: 90mA
* -10 to +40 °C
* 335g
* 116mm x 123mm x 34mm
* EN 50131 Grade 2 Class II

For use with all HKC panels

Upload / Download

SmartLink 7 Professional is an easy to use PC application that allows installers to access installations via the telephone line and carry out programming and diagnostic functions. This upload- download software is available at www.hkc.ie.
Note; registration required, contact HKC sales team.

SmartLink 7 Home is a package for end users to remotely control their premises

PC Requirements
* Operating system, Windows 98 or greater
* CPU, 450MHz or greater
* RAM, 128Mb or greater
* Modem, 56K or lower
* Video Graphics Card, 1024x768 pixels or greater
* Serial port or USB to serial adapter

For use with all HKC panels
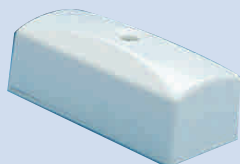
Detection

PIR / PIR-QUAD
* ABS housing
* 15m detection
* Built-in EOL resistors
* Can also operate via ID-bus
* Adjustable sensitivity
* Temperature compensation
* Pet immunity on **PIR-QUAD**

PIR

* Power (for PIR-QUAD):13.7Vdc
Standard mode;9.5mA nominal
8.5mA alarm
ID bus mode;   3.0mA nominal
5.5mA alarm
Dual PIR typically 0.5mA less
* -10 to +40 °C
* 120g
* 117mm x 64mm x 53mm
* EN 50131 Grade 2 Class II

For use on all HKC and many other panels

Standard Inertia Sensor
* Detects vibrations on doors, windows, walls etc.
* White or brown ABS housing
* Polycarbonate sensor head
* Gold-plated contacts
* Available with combined reed switch option (magnetic contact)

SEN-W

* -10 to +40 °C
* 33g
* 69mm x 32mm x 25mm
* EN 50131 Grade 2 Class II Type A

For use on all HKC and many other panels

Dual Push Panic Alarm Button
* ABS housing
* Available in Gold and Silver colours
* Ease of wiring
* Latching & momentary actions
* **Single Push** option available.

DP-BUTTON

* -10 to +40 °C
* 56g
* 87mm x 60mm x 31mm
* EN 50131 Grade 2 Class II Type A

For use on all HKC and many other panels

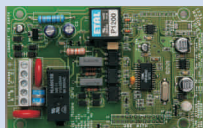## ID Inertia Sensor
* Detects vibrations on doors, windows etc.
* White or brown ABS housing
* Polycarbonate sensor head
* Gold-plated contacts
* Available with combined reed switch option (magnetic contact)
* 10 ID sensors per ID zone
* LED status indicator
* Terminals for sensor, contact & tamper inputs
  ID Zone Module comes without sensor head and may be used a zone input for other detection technologies

SEN-IDW

* Quiescent Current: 25mA
* Maximum Current: 90mA
* -10 to +40 °C
* 335g
* 116mm x 123mm x 34mm
* EN 50131 Grade 2 Class II Type B
* Resin-protected electronics
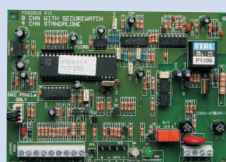
For use with SW8XX series & SW16120

Communications

DM Text plug-on card
* Plugs straight on to **SW812 / SW1212 / SW16120** Panels
* Reports up to 16 channels to Central Station
* Sends SMS messages to up to 19 phones
* Connects to remote PC via **SmartLink 7**
* Supports Fast Format, Contact ID, SIA & Extended SIA protocols
* Simple programming through Panel menus
* Integral Line Monitor

SW-DMTC

* Quiescent Current: 12mA
* Maximum Current: 60mA
* -10 to +40 °C
* 75g
* 72mm x 113mm x 28mm
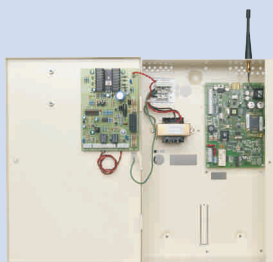* EN 50131 Grade 2 Class II

For use with SW8XX series & SW16120

4/8 Channel Dialler
* Plugs on to **SW812 / SW1212 / SW16120** panels via ribbon lead
* Reports up to 8 channels to Central Station
* Reports 4 channels as a standalone dialler
* Integral Line Monitor
* Call Status LED
* Simple programming via RKP or SecureWatch panel.

SW-4/8DC

* Quiescent Current: 50mA
* Maximum Current: 100mA
* -10 to +40 °C
* 125g
* 108mm x 154mm x 20mm
* EN 50131 Grade 2 Class II

For use on all HKC and many other panels

GSM Router

GSM-M
* GSM unit is housed in 1.2mm thick steel box and comes with a 1Amp addressable power supply unit.
* Telephony through PSTN or GSM network
* Control alarm system via text messages
* GSM dual band (900MHz & 1800MHz)
* 2 inputs (inc. force GSM call)
* 4 outputs (inc. GSM and PSTN line fault)
* 1 printer port (2400 baud N,8,1)
* 1 panel communications ports
* Can operate in standalone mode

GSM-M

* Power: 13.7Vdc
          100mA quiescent
          550mA during GSM call
* Output 1-3: 100mA max.
* Output 4: 200mA max.
* -10 to +40 °C
* 3,330g (inc. power supply)
* 360mm x 236mm x 86mm
* EN 50131 Grade 2 Class II

Use with SW-DMTC for central station monitoring

GSM-P
* ABS housing
* Telephony through PSTN or GSM network
* Control alarm system via text messages
* GSM dual band (900MHz & 1800MHz)
* 2 inputs (inc. force GSM call)
* 4 outputs (inc. GSM and PSTN line fault)
* 1 printer port (2400 baud N,8,1)
* 1 panel communications ports
* Can operate in standalone mode

GSM-P

* Power: 13.7Vdc
          100mA quiescent
          550mA during GSM call
* Output 1-3: 100mA max.
* Output 4: 200mA max.
* -10 to +40 °C
* 475g
* 166mm x 236mm x 42mm
* EN 50131 Grade 2 Class II

Use with SW-DMTC for central station monitoring

Sounders / Indicators

SABB *(mark III)*
* Polycarbonate housing in white, red, yellow & blue
* Strobe lens available in blue & red
* Horizontal & vertical mounting
* Electronics potted in epoxy resin
* High intensity LED strobe
* Diagnostics mode for ease of fault finding
* Illuminated terminal blocks
* Alignment indicator
* Pawl plug, screw & screwdriver holders

SAB-PCRB
SAB-LIDW

* Quiescent Current: 40mA
* Strobe Current: 60mA (peak)
* Siren Current: 260mA (peak)
* Siren: 109dB at 1m
* -25 to +60 °C
* 1100g
* 368mm x 228mm x 58mm
* EN 50131 Grade 2 Class IV

For use on all HKC and many other panels

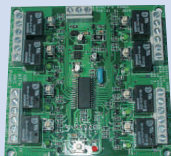## Echo/Echo Flash
* ABS housing
* Dual piezo sounders
* Housing is tamper protected
* Variable volume control
* Echo Flash includes strobe light
* Echo Flash available with red or blue lenses

ECHO FLASH BLUE

* Strobe Current: 120mA
* Siren Current: 135mA
* Strobe: 1W
* Siren: 104dB at 1m
* -10 to +40 °C
* 150g
* 150mm x 100mm x 36mm
* EN 50131 Grade 2 Class II

For use on all HKC and many other panels

Output Card

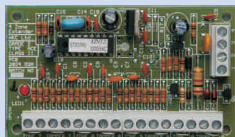## 8 Output Expander
* Can be located up to 200m from panel
* Up to 20 units per system using ID bus
* 8 x 1Amp changeover relay outputs
* Manual actuator & LED for each relay
* Available in 1.2mm steel box

SW-OP8

* Quiescent Current: <2mA
* Maximum Current: 190mA
* -10 to +40 °C
* Circuit board only; 90g
* 95mm x 93mm x 20mm

* In metal box; 670g
* 195mm x 115mm x 44mm
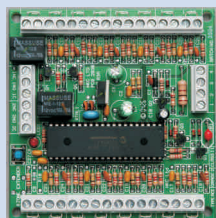* EN 50131 Grade 2 Class II

For use with SW16120

Expanders

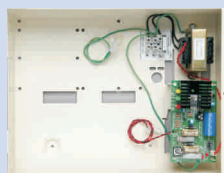|		
SW-EXT	**4 Zone Expander** * Can be located up to 150m from panel * All zones fully analysed	* Quiescent Current: 20mA * -10 to +40 °C * 50g * 94mm x 55mm x 19mm * EN 50131 Grade 2 Class II *For use with SW8XX series*
SW-EXT8	**8 Zone Expander** * Can be located up to 150m from panel * All zones fully analysed * 2 x 1Amp changeover relay outputs * Available in 1.2mm steel box	* Quiescent Current: 30mA * Maximum Current: 80mA * -10 to +40 °C * Circuit board only; 105g * 95mm x 93mm x 20mm * In metal box; 690g * 195mm x 115mm x 44mm * EN 50131 Grade 2 Class II *For use with SW16120*

Power Supply

SW-PSU1	**1 Amp Power Supply Unit** is housed in 1.2mm thick steel box * 3 colour LED status indicators (Mains Fail / 12V OK / Fuse Fault) * Cabinet can house 2x **8 Zone Expanders** or.. **4/8 Channel Dialler**	* Mains: 230Vac +10% / -15%, 50Hz * Out: 1A total @ 13.7Vdc +/- 5% * -10 to +40 °C * 2,740g * 310mm x 235mm x 88mm *For use on all HKC and many other panels*
SW-PSU1A/12V	**1 Amp Power Supply Unit (EN)** is housed in 1.2mm thick steel box * Addressable (ID bus) * Automatically monitored * 2 programmable relay outputs * Deep discharge protection * 3 colour LED status indicators (Mains Fail / 12V OK / Fuse Fault) * Cabinet can house 2x **8 Zone Expanders** or.. **4/8 Channel Dialler**	* Mains: 230Vac +10% / -15%, 50Hz * Out: 1A total @ 13.7Vdc +/- 5% * -10 to +40 °C * 3,100g * 360mm x 236mm x 86mm * EN 50131 Grade 2 Class II Type A *For use on all HKC and many other panels*
SW-PSU2A/12V	**2 Amp Power Supply Unit (EN)** is housed in 1.2mm thick steel box * Addressable (ID bus) * Automatically monitored * 2 programmable relay outputs * Deep discharge protection * 3 colour LED status indicators (Mains Fail / 12V OK / Fuse Fault) * Cabinet can house 2x **8 Zone Expanders** or.. **4/8 Channel Dialler**	* Mains: 230Vac +10% / -15%, 50Hz * Out: 2A total @ 13.7Vdc +/- 5% * -10 to +40 °C * 3,900g * 360mm x 236mm x 86mm * EN 50131 Grade 2 Class II Type A *For use on all HKC and many other panels*

Magnetic Contact / Junction Box

JB-WR

Magnetic Contact / Junction Box is housed in white or brown ABS plastic
* Integrated Tamper Contacts
* 40mm operation range (Magnetic Contact)
* 8 spare terminals (Magnetic Contact)
* 10 spare terminals (Junction Box)

* -10 to +40 °C
* 4g Mag. Contact & Junction Box
* 80mm x 33mm x 21mm
* 3g Magnet Holder
* 80mm x 22mm x 21mm
* EN 50131 Grade 2 Class II
  Type A

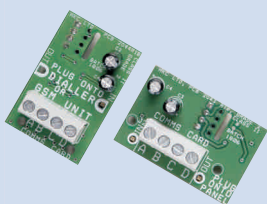*For use on all HKC and many other panels*

Miscellaneous

PROG-KIT1

PROG-KIT1
* Programming utility from *Renesas*
* FDT, version 3.05
* Re-program HKC panels in the field
* No swapping of PROM's
* Works with latest *SecureWatch* panels and GSM units

* Requires a PC with CD drive also with a serial port or...
* Suitable USB to serial adapter

* Please contact HKC for latest product software version

RS485

RS485
* Plug-on cards to connect Panels to GSM units.
* Provides a constant communication path between plug-on cards and GSM units (required when texting Arm/Disarm commands etc. to alarm system).

* Uses RS485 communications protocol

SW-RPC

SW-RPC
* Plugs-on Panel and connects to serial port on PC
* Allows the PC application, *SmartLink 7* to directly interface with Panel

SW-BPRINTER LEAD

SW-BPRINTER LEAD
* Plugs-on Panel and connects to printer
* Connection through 25 way D-type connector

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