

Quantum 70 Wireless Control Panel



- * 70 two-way wireless detectors
- * 2 two-way wireless Internal Sirens
- * 2 two-way wireless External Sirens
- * 32 two-way wireless Key-fobs
n.b. up to 80 wireless devices in total
- * 2 Wireless Repeaters
- * 70 wireless zones
- * 1 hard-wired zone, fully analysed
- * Hard-wired zone expandible to 10 Point Id's
- * 2-way block system with 1 common area
- * Hard-wired SABB output
- * 999 event engineer log
- * 32 Users (7 **SmartLink 7** remote users)
- * Integrated Keypad, Internal Siren & Dialler
- * Dialler with Modem/Voice/SMS capability
- * Integrated DSL filter on dialler
- * Integrated back-up battery

- * Integrated speaker with extensive voice library
- * Ability to convert zone descriptions to voice
- * Serial interface
- * USB (device)
- * Proximity reader version
- * Audible annunciation of smoke, heat & CO

- * **Mains:** 230Vac +/- 10%, 50Hz
- * **Output:** 13.65Vdc +/- 0.15Vdc
- * **Current consumption:** 90mA
(300mA peak alarm)
- * **Temperature:** -10 to +40 °C
- * **Weight:** 1,210g
- * **Size:** 302mm x 190mm x 52mm
- * EN 50131-1 Grade 2 Class II

SW-1070 Hybrid Control Panel (comes with a slimline RKP)



- * 70 two-way wireless detectors
- * 2 two-way wireless Internal Sirens
- * 2 two-way wireless External Sirens
- * 64 two-way wireless Key-fobs
n.b. up to 80 wireless devices in total
- * 2 Wireless/Wired Repeaters
- * 70 wired zones, fully expanded
- * 10 on-board zones, fully analysed
- * 8-way block system with 1 common area
- * 8 keypads & 6 expanders
- * All expander zones fully analysed
- * 106 wired zones with ID sensors / modules
- * 64 Users (7 **SmartLink 7** remote users)
- * Up to 217 programmable outputs
- * Output Mapping
- * 999 event engineer log
- * Plug-on digi supporting SMS & Voice Messaging

SW-20140; as SW-1070 but with...

- * 10-zone expander pre-fitted
- * Can have up to 13 expanders
- * 176 wired zones with ID sensors/modules
- * Up to 231 programmable outputs

- * **Mains:** 230Vac +/- 10%, 50Hz
- * **Output:** 13.7Vdc +/- 0.2V
- * **Current consumption:** 75mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 1,430g
- * **Size:** 360mm x 236mm x 87mm
- * EN 50131-1 Grade 2 Class II

SW-RKP Slimline



- * Easy to install
- * Up to 8 keypads per system
- * High speed keypad bus
- * Graphics LCD with blue back-lighting
- * Audible word library
- * Built-in panic feature; press * and # together
- * Keyprox version available for BS8243

- * **Supply:** 13.7Vdc
- * **Quiescent Current:** 30mA
- * **Max. Current:** 120mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 245g
- * **Size:** 167mm x 125mm x 26mm
- * EN 50131-3 Grade 2 Class II

RF-PIR



- * Two-way wireless communication
- * Contains battery
- * 15m detection
- * Close-in detection
- * Adjustable sensitivity
- * Noise immunity
- * Temperature compensation
- * Resin protected electronics

- * **Battery:** CR123A 3V Lithium
- * **Quiescent Current:** 8µA
- * **Transmit Current:** 35mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 155g
- * **Size:** 117mm x 64mm x 53mm
- * EN 50131-2-2 Grade 2 Class II

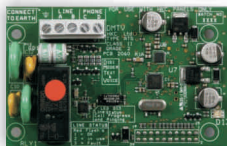
RF-CSW (Contact Sensor - White)



- * Two-way wireless communication
- * Contains battery
- * Magnetic contact
- * Additional alarm & tamper terminals
- * Inertia Sensor option available
- * Available in white & brown
- * Resin protected electronics

- * **Battery:** CR123A 3V Lithium
- * **Quiescent Current:** 7µA
- * **Transmit Current:** 40mA
- * **Temperature:** -10 to +40 °C
- * **Weight (inc. magnet):** 80g
- * **Size:** 122mm x 33mm x 33mm
- * **Magnet:** 41mm x 15mm x 10mm
- * EN 50131-2-6 Grade 2 Class II

DTV
(Dialer - Text/Voice)



- * Plugs directly onto main panel
- * Central station protocols: *SIA, Extended SIA, FastFormat & Contact ID*
- * Reports to 19 SMS text compatible phones
- * Can also send voice messages to 4 phones
- * Supports *SmartLink7* high-speed upload/download

- * **Quiescent Current:** 80mA
- * **Transmit Current:** 115mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 50g
- * **Size:** 90mm x 56mm x 30mm
- * EN 50131-1 Grade 2 Class II

RF-Keyfob



- * Two-way wireless communication
- * Contains battery
- * Arm/Disarm/Part-arm via dedicated buttons
- * or secure disarm via user code
- * Dedicated duress button

- * **Battery:** CR2032 3V Lithium
- * **Quiescent Current:** 0.5µA
- * **Transmit Current:** 38mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 25g
- * **Size:** 70mm x 35mm x 18mm

SW-EXT10
(10 zone expander)



- * All 10 expander zones analysed
- * 2 fully programmable changeover relay outputs
- * LED indicator for each relay
- * Switch to activate each relay manually
- * 6 expander cards on SW-1070 keypad bus
- * All expander zones with dedicated alarm & tamper terminals
- * No DIP switch settings required

- * **Supply:** 13.7Vdc
- * **Quiescent Current:** 80mA
- * **Current (energized relays):** 160mA
- * **Temperature:** -10 to +40 °C
- * **Weight:** 95g
- * **Size:** 125mm x 72mm x 15mm
- * EN 50131-1 Grade 2 Class II

RF-SABB



- * Two-way wireless communication
- * Contains batteries
- * Polycarbonate housing
- * Strobe lens available in blue & red
- * Horizontal & vertical mounting
- * Resin protected electronics
- * High intensity LED strobe
- * Diagnostics mode for ease of fault finding
- * Illuminated terminal blocks
- * Alignment indicator
- * Rawl plug, screw & screwdriver holders
- * Available with individual company logos
- * Permanent 12V input available
- * No DIP switch settings required

- * **Batteries:** 6x CR123A 3V Lithium
- * **Sound:** 107dB at 1m
- * **Quiescent Current:** 10µA
- * **Transmit Current:** 41mA
- * **Strobe Current:** 12mA
- * **Siren Current:** 550mA
- * **Temperature:** -25 to +60 °C
- * **Weight:** 1,225g
- * **Size:** 368mm x 228mm x 58mm
- * EN 50131-4 Grade 2 Class IV

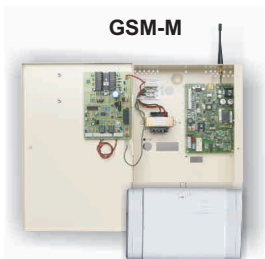
RF-Echo



- * Two-way wireless communication
- * Contains batteries
- * Conformal coating protected electronics
- * Siren test pins
- * Available with individual company logos
- * No DIP switch settings required

- * **Batteries:** 3x CR123A 3V Lithium
- * **Sound:** 104dB at 1m
- * **Quiescent Current:** 10µA
- * **Transmit Current:** 30mA
- * **Siren Current:** 48mA (peak)
- * **Temperature:** -10 to +40 °C
- * **Weight:** 180g
- * **Size:** 150mm x 100mm x 30mm
- * EN 50131-4 Grade 2 Class II

GSM-M



GSM-P

- * Telephony through PSTN or GSM network
- * Pre-fitted SIM for access to O₂ network
- * Control your system via SMS commands
- * Dual band (900MHz & 1,800MHz)
- * Available in plastic or metal housings
- * Metal version with own 1A power supply
- * 2 inputs and 4 programmable outputs

- * **Supply:** 13.7Vdc
- * **Quiescent Current:** 100mA (13.7Vdc)
- * **Current (during call):** 550mA
- * **Temperature:** -10 to +40 °C
- * **Weight (plastic):** 475g
- * **Weight (metal):** 3,330g
- * **Size (plastic):** 236mm x 166mm x 42mm
- * **Size (metal):** 360mm x 236mm x 86mm
- * EN 50131-1 Grade 2 Class II

RF-Smoke Detector



- * Two-way wireless communication
- * Optical smoke detector
- * Contains batteries
- * Independent siren
- * Integral test button or..
- * Test via panel

- * **RF Battery:** 1x CR123A 3V Lithium
- * **Quiescent Current:** 5 μ A
- * **Transmit Current:** 20mA
- * **Detector battery:** Long life lithium battery pack
- * **Temperature:** -10 to +40 °C
- * **Weight:** 200g
- * **Size:** 115mm(dia.) x 45mm
- * EN14604

RF-Heat Detector



- * Two-way wireless communication
- * Heat sensor triggers at 58°C
- * Contains batteries
- * Independent siren
- * Integral test button or..
- * Test via panel

- * **RF Battery:** 1x CR123A 3V Lithium
- * **Quiescent Current:** 5 μ A
- * **Transmit Current:** 20mA
- * **Detector battery:** Long life lithium battery pack
- * **Temperature:** -10 to +40 °C
- * **Weight:** 200g
- * **Size:** 115mm(dia.) x 52mm
- * BS 5446-2

RF-CO Detector



- * Two-way wireless communication
- * Sensitive to Carbon Monoxide at 30ppm
- * Contains batteries
- * Independent siren
- * Integral test button or..
- * Test via panel

- * **RF Battery:** 1x CR123A 3V Lithium
- * **Quiescent Current:** 5 μ A
- * **Transmit Current:** 20mA
- * **Detector battery:** Long life lithium battery pack
- * **Temperature:** -10 to +40 °C
- * **Weight:** 200g
- * **Size:** 120mm (max. Dia.) X 45mm

Batteries



- * Long shelf life (10 yrs)
- * Available in packets of 10
- * One battery type for entire range (ex. RF-Keyfob)

- * **Voltage:** 3V
- * **Capacity:** 1,400mAh
- * **Storage Temp:** <45°C
- * **Weight (ea.):** 16g
- * **Size:** 34.2mm x 17mm (dia.)

Compatibility Table

	SW-812	SW-16120	SW-1070	SW-20140	SW-20140
Inertia Sensor	•	•	•	•	•
Inertia Sensor with Contact	•	•	•	•	•
ID Inertia Sensor	•	•	•	•	•
ID Inertia Sensor with Contact	•	•	•	•	•
RF-Inertia Sensor with Contact	-	-	•	•	•
RF-Contact	-	-	•	•	•
SABB	•	•	•	•	•
ECHO	•	•	•	•	•
ECHO Flash	•	•	•	•	•
RF-SABB	-	-	•	•	•
RF-ECHO	-	-	•	•	•
RF-ECHO Flash	-	-	•	•	•
SW-RKP	•	•	-	-	-
SW-RKP Slimline	-	-	•	•	-
RF-RKP	-	-	•	•	•
4-Zone Expander	•	-	-	-	-
8-Zone Expander	-	•	-	-	-
10-Zone Expander	-	-	•	•	-
Output Card	-	•	•	•	-
ID Zone Module	•	•	•	•	•
ID Zone Module with Contact	•	•	•	•	•
RF-Interface / Repeater	-	-	•	•	•
4/8 Channel Dialer	•	•	•	•	•
Digi Modem Text Card	•	•	-	-	-
GSM (Plastic & Metal boxes)	•	•	•	•	•
Digi with Text & Voice	-	-	•	•	-
Single Push PA Button	•	•	•	•	•
Double Push PA Button	•	•	•	•	•
RF-Double Push PA Button	-	-	•	•	•
Junction Box	•	•	•	•	•
Junction Box with Contact	•	•	•	•	•
RF-Keyfob	-	-	•	•	•
Range Tester	-	-	•	•	•
1A/12V Power Supply	•	•	•	•	•
EN 1A/12V Power Supply	•	•	•	•	-
EN 2A/12V Power Supply	•	•	•	•	-
PIR	•	•	•	•	•
PIR Quad	•	•	•	•	•
RF-PIR Quad	-	-	•	•	•
RF-Smoke Detector	-	-	•	•	•
RF-Heat Detector	-	-	•	•	•
RF-Carbon Monoxide Detector	-	-	•	•	•

• Compatible - Not Compatible

Safe & Secure

www.hkc.ie