

Product Guide

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Control Panels



Communication Modules



Keypads



Expanders



Apps & Software



Keyfobs, PA & Prox



Internal Detectors



Sounders



WL Smoke Detectors



			
Connectivity	HYBRID	HYBRID	Hybrid
Product Name	CP-20	CP-60	CP-200
Description	Hybrid 20 Zone Control Panel	Hybrid 60 Zone Control Panel	Hybrid 200 Zone Control Panel
Optional Wireless Access Point	✓	✓	✓
Onboard Zones	10	10	10
Maximum Zones	20	60	200
Panel Outputs	5	5	20
Maximum Outputs	30	73	270
Users	20	100	200
Keypads	5	6	20
True Areas	2	6	20
Part Set Modes	3 Per Area	3 Per Area	3 Per Area
Expanders	1	5	19
NFC Tag Compatible	✓	✓	✓
Network External Sounders	4	4	8
Optional On-Board PSTN	✓	✓	-
Event Logging	1250	1250	1250
Network Blocks	1	1	2
3rd Party Communications Ports	2	2	3
CSL Connected	✓	✓	✓
Supports Camera Streaming via App	✓	✓	✓
16 Ohm Speaker Output	✓	✓	-
Software Programmable Fuses	-	-	✓
Battery Support	7Ah / 9Ah Plastic 17Ah Metal	7Ah / 9Ah Plastic 17Ah Metal	17Ah
Power Supply	1.5A	1.5A	2.75A
Housing	High Density ASA	High Density ASA / 1.2mm Steel	1.2mm Steel
Dimensions (hwd) Polymer: Metal (Small): Metal (Large):	261 x 300 x 89mm 416 x 315 x 90mm 390 x 390 x 95mm	261 x 300 x 89mm 416 x 315 x 90mm 390 x 390 x 95mm	287 x 338 x 89mm 416 x 315 x 90mm 390 x 390 x 95mm
EN 50131-3	Grade 2	Grade 2	Grade 3

CP-60 Metal Housing Option

"Stronger, more robust metal housing option that supports a 17Ah Battery."

End User WiFi Setup

"When a customer changed routers, it was great for them to be able to update the SSID and password themselves."

Programmable inputs/outputs on RKPs

"We used an output from the keypad to control a porch light."

	SINGLE PATH				DUAL PATH					TRIPLE PATH	
Description	Wi-Fi Module	GSM/GPRS Module	IP Module	PSTN Module	GSM + Wi-Fi Module	IP + GSM Module	IP + Wi-Fi Module	PSTN + GSM Module	PSTN + Wi-Fi Module	GSM + IP + WiFi Module	GSM + PSTN + WiFi Module
Product Name	CM2-WI-FI	CM2-GSM	CM2-IP	CM2-PSTN	CM2-WIFI-GSM	CM2-IP-GSM	CM2-IP-WIFI	CM2-PSTN-GSM	CM2-PSTN-WIFI	CM2-GSM-IP-WIFI	CM2-GSM-PSTN-WIFI
Features											
UDL	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
Apps	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
Protocols											
Fast Format, Contact ID & SIA 2/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMS	-	✓	-	✓	✓	✓	-	✓	✓	✓	✓
2G/3G/4G & Quad Band Module	-	✓	-	-	✓	✓	-	✓	-	✓	✓
TCP/IP, UDP, DHCP & HTTP	✓	-	✓	-	✓	✓	✓	-	✓	✓	✓
IEEE 802.11B/G/N WEP, WPA & WPA2-PSK	✓	-	-	-	✓	-	✓	-	✓	✓	✓



CM2 Modules

“Multipath CM2 Modules now plug directly onto all Orisec panels.”



Single, Dual & Triple Path

“Single, Dual & Triple path modules available with PSTN, GSM, WIFI & IP.”

Antennae

ANT-WIFI-METAL BOX	ANT-GSM-METAL-BOX	ANT-GSM-3M-EXTENSION

New Keypads

	Series	Finishes	Wireless Connectivity	Model	Keys
WIRED	RK-720 - RK-700 Series	Black or White No Cover	Wired Keypad with Wireless Receiver	RK-720	Black Keys Without Keycaps
				RK-750	White Keys With Keycaps
WIRED	W-RK-700 Series	White No Cover	Fully Wireless Keypad	W-RK-720	Black Keys Without Keycaps
				W-RK-750	White Keys With Keycaps
WIRED	RK-850 - RK-800 Series	White With Hinged Cover	Wired Keypad with Wireless Receiver	RK-820	Black Keys Without Keycaps
				RK-850	White Keys With Keycaps
WIRED	RK-900 Series	Black or White No Cover	Wired Keypad with Wireless Receiver	RK-920	Black Keys Without Keycaps
				RK-950	White Keys With Keycaps
WIRED	RK-1000 Series	White With Hinged Cover	Wired Keypad with Wireless Receiver	RK-1020	Black Keys Without Keycaps
				RK-1050	White Keys With Keycaps
WIRED	TK-1200 Series	White, Metallic Silver, Metallic Grey, Graphite, Piano Black	Wired Keypad with Wireless Receiver	TK-1250	Touchscreen

Key Options



Black Keys
Without Keycaps



White Keys
With Keycaps



Features

- Integrated Wireless Receiver
- 8 Line Menu Display on RK-900 & RK-1000
- 2x Programmable Soft Keys
 - Voice Annunciation
- Optional 16 Ohm Speaker Kit
 - Optional On-board Prox
 - Soft Close Mechanism
 - 16 Ohm Speaker Output



Selectable Languages Per User

“It’s great to be able to set up the keypads with a different language for different users.”



Keypad Randomiser

“Customers love the extra level of security in being able to randomise the keys on the touchscreen keypad.”



QWERTY Keypad on Touchscreen

“The QWERTY keypad on the touchscreen makes both the installation and use of the keypad so much quicker and easier.”

			
	WIRED	WIRED	WIRELESS
Connectivity	WIRED	WIRED	WIRELESS
Product Name	RK-450	RK-700 Series: RK-720 & RK-750	W-RK-700 Series: W-RK-720 & W-RK-750
Description	Large Display LCD Keypad with Detachable Hinged Cover	LCD Keypad	Wireless LCD Keypad
Integrated Installation Manual	✓	✓	✓
NFC Prox Tag Support - Optional	✓	✓	✓
Wired Keypad with Wireless Receiver	-	RK-720 & RK-750	-
Fully Wireless Keypad	-	-	✓
Programmable Inputs / Outputs	1 Zone Input	3	1 Zone Input
Programmable Function Keys	-	-	-
Display Resolution	128 x 32	128 x 32	128 x 32
Temperature Sensor	✓	✓	✓
On-Board Piezo Sounder	✓	✓	✓
16 Ohm Speaker Output	-	✓	-
Optional 16 Ohm Speaker Kit	-	SPK-7	-
Voice Annunciator	-	✓	-
'Copy & Paste' Function	✓	✓	✓
Selectable Language Per User	✓	✓	✓
Programmable Volume Levels	-	✓	✓
Light Sensor	-	✓	✓
Self-Adjusting Backlight	-	✓	✓
Tamper Detection Options	Lid (Optional Wall)	Lid & Wall	Lid & Wall
QWERTY Keyboard	-	-	-
Company Logo on Screen	-	-	-
User Selectable Colour	-	-	-
Keypad Randomiser	-	-	-
Hinged PCB	✓	-	-
Black Keys Without Keycaps	✓	RK-720	W-RK-720
White Keys With Keycaps	-	RK-750	W-RK-750
Mounting Options	Low Profile	Low Profile	Low Profile
Input Voltage	10-15 Vdc	9-15 Vdc	-
Current Consumption - Quiescent / Backlit	35mA / 70mA	35mA / 60mA	10µA / 35mA
Dimensions (hwd - based on low profile)	120 x 153 x 30mm	119 x 148 x 32mm	119 x 148 x 42mm
Material	High Density ASA	High Density ASA	High Density ASA
Colour Finishes	White	White / Black	White
Local External PSU	-	-	12V DC
Battery Powered	-	-	4, 6 or 8 x AA Alkaline 1.5V
EN 50131-3	Grade 2	Grade 3	Grade 2

				
Connectivity	WIRED	WIRED	WIRED	WIRED
Product Name	RK-800 Series: RK-820 & RK-850	RK-900 Series: RK-920 & RK-950	RK-1000 Series: RK-1020 & RK-1050	TK-1200 Series: TK-1250
Description	LCD Keypad with Hinged Cover	Vertical LCD Keypad	Vertical LCD Keypad with Hinged Cover	5" Touch Screen Keypad
Integrated Installation Manual	✓	✓	✓	✓
NFC Prox Tag Support - Optional	✓	✓	✓	✓
Wired Keypad with Wireless Receiver	RK-820 & RK-850	RK-920 & RK-950	RK-1020 & RK-1050	TK-1250
Fully Wireless Keypad	-	-	-	-
Programmable Inputs / Outputs	3	3	3	3
Programmable Function Keys	-	2	2	-
Display Resolution	128 x 32	128 x 64	128 x 64	480 x 272
Temperature Sensor	✓	✓	✓	✓
On-Board Piezo Sounder	✓	✓	✓	✓
16 Ohm Speaker Output	✓	✓	✓	✓
Optional 16 Ohm Speaker Kit	SPK-7	SPK-9	SPK-9	-
Voice Annunciator	✓	✓	✓	-
'Copy & Paste' Function	✓	✓	✓	✓
Selectable Language Per User	✓	✓	✓	✓
Programmable Volume Levels	✓	✓	✓	✓
Light Sensor	✓	✓	✓	✓
Self-Adjusting Backlight	✓	✓	✓	✓
Tamper Detection Options	Lid & Wall	Lid & Wall	Lid & Wall	Lid, Wall & Screw
QWERTY Keyboard	-	-	-	✓
Company Logo on Screen	-	-	-	✓
User Selectable Colour	-	-	-	✓
Keypad Randomiser	-	-	-	✓
Hinged PCB	-	-	-	-
Black Keys Without Keycaps	RK-820	RK-920	RK-1020	-
White Keys With Keycaps	RK-850	RK-950	RK-1050	-
Mounting Options	Low Profile	Low Profile	Low Profile	Low Profile
Input Voltage	9-15 Vdc	9-15 Vdc	9-15 Vdc	9-15 Vdc
Current Consumption - Quiescent / Backlit	35mA / 60mA	45mA / 70mA	45mA / 70mA	50mA / 100mA
Dimensions (hwd)	119 x 148 x 34mm	158 x 93 x 33mm	158 x 93 x 33mm	119 x 148 x 27mm
Material	High Density ASA	High Density ASA	High Density ASA	High Density ASA
Colour Finishes	White	White / Black	White	White / Metallic Silver / Metallic Grey / Graphite / Piano Black
Local External PSU	-	-	-	-
Battery Powered	-	-	-	-
EN 50131-3	Grade 3	Grade 3	Grade 3	Grade 3



Integrated Help File

“The built-in manual helps to program the system without ever having to go back to the van and get the printed installation manuals.”



8 Line Display

“The 8 Line Menu display on the new RK-900 & RK-1000 Series makes programming even quicker and simpler.”



Adjustable Backlight

“It’s such a nice touch to be able to dim the keypad backlight when installing keypads in bedrooms.”

						
Connectivity	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED
Product Name	ZX-10	ZX-10-PLUS	ZX-10E	ZX-10E-PLUS	PZX-10	ZX-10L
Description	Zone & Output Expander	Zone & Output Expander	Zone Expander	Zone Expander	Powered Zone & Output Expander	Local Zone Expander
Zones	10	10	10	10	10	10
Outputs	10	10	-	-	10	-
On Board Piezo	✓	✓	-	-	✓	-
16 Ohm Speaker Output	✓	✓	-	-	✓	-
Tamper Detection	Lid, Wall & Screw	Lid & Wall	Lid, Wall & Screw	Lid & Wall	Lid & Wall	-
RJ45 Support for Network In/Out	✓	✓	-	-	✓	-
7 Segment Display	✓	✓	-	-	✓	-
Address Noise Notification	✓	✓	-	-	✓	-
Local Diagnostics	✓	✓	-	-	✓	-
Temperature Sensor	✓	✓	-	-	✓	-
2 Way Wireless Communications	-	-	-	-	-	-
Light Sensor	✓	✓	-	-	-	-
Housing	High Density ASA	High Density ASA	High Density ASA	High Density ASA	High Density ASA / 1.2mm Steel	-
Wireless Devices	-	-	-	-	-	-
Dimensions (hwd)	132 x 185 x 37mm	195 x 151 x 50mm	132 x 185 x 37mm	195 x 151 x 50mm	Metal: 390 x 390 x 95mm Plastic: 338 x 287 x 88mm	-



Expander Plus Housing

“The optional larger expander box is great for installations with lots of wiring. The cable management hooks help keep it neat.”



On Board Piezo

“Being able to make specific expanders or keypads beep helps you locate them quickly.”

Zone & Output Expander ZX-10-PLUS

Twin 7-Segment LED

RJ45 Network In

RJ45 Network Out

10 Zone Inputs

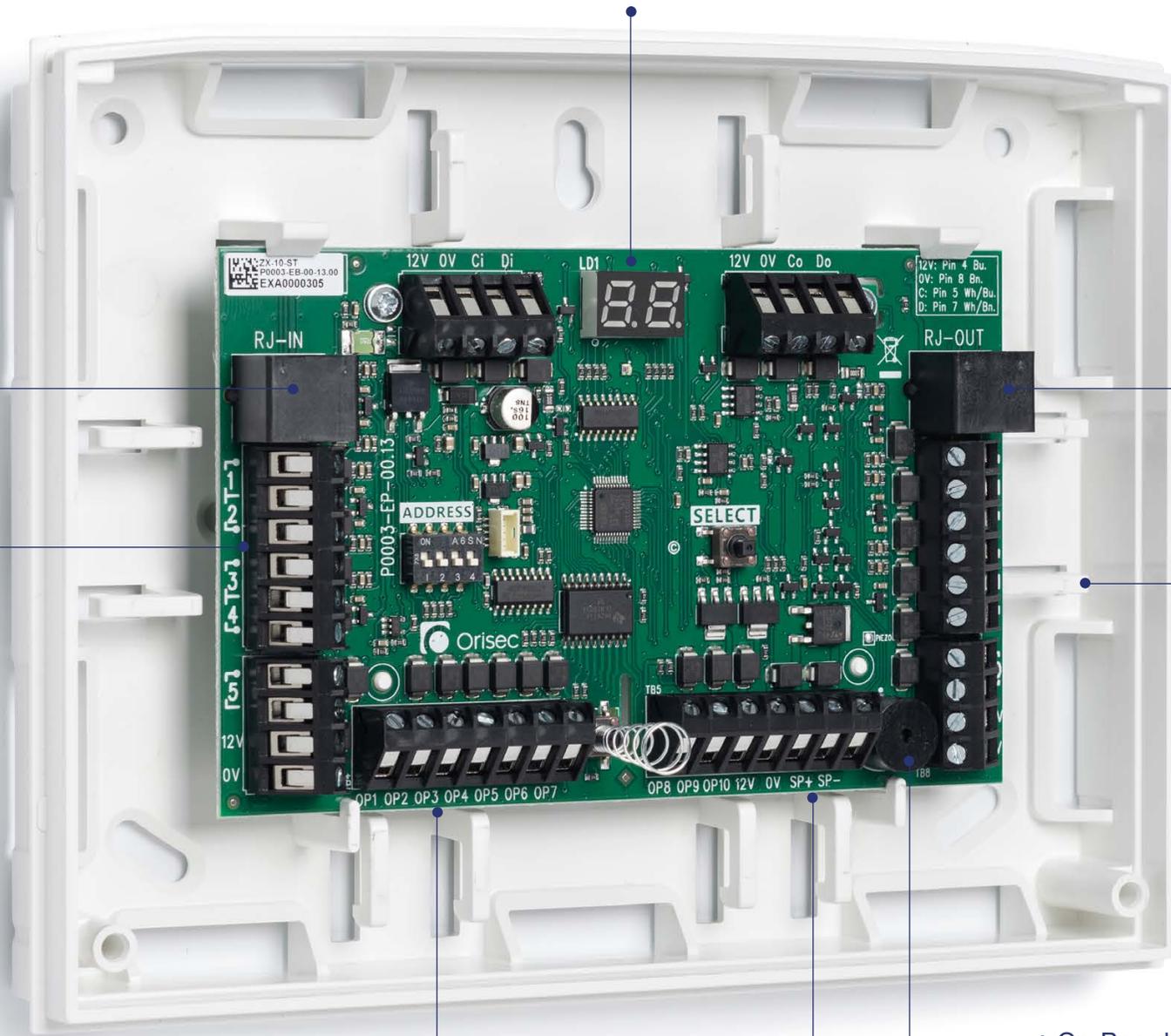
Cable Hooks

Actual Size

10 Outputs

16 Ohm
Speaker Driver

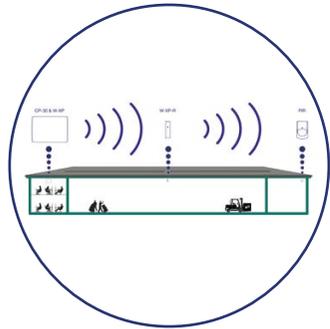
On-Board Piezo





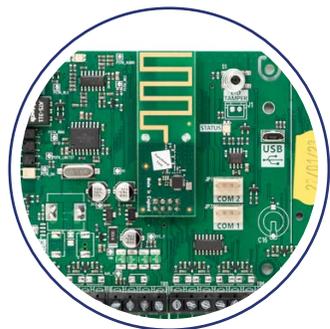
W-XP-R as a Wireless Expander

“The W-XP-R is a quick and easy way to add wireless expansion to any Orisec control panel.”



W-XP-R as a Wireless Repeater

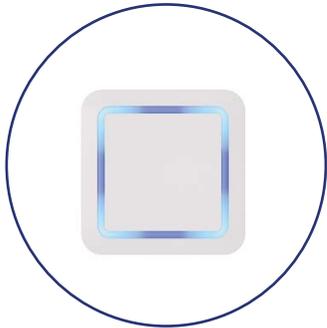
“The W-XP-R was used as a repeater to double the wireless range in a large factory.”



Wireless Access Point

“The plug on wireless access point is the easiest way to add wireless connectivity to a wide range of Orisec products.”

				
Connectivity	WIRELESS	WIRELESS	WIRELESS	WIRED / WIRELESS
Product Name	W-XP	W-XP-R W-XPR-EXT	W-AP	ROX-10
Description	Wireless Expander	Internal & External Wireless Expander, Repeater & Bridge	Wireless Access Point	10x Relay Output Expander
Outputs	2	-	-	10
On Board Piezo	✓	-	-	✓
16 Ohm Speaker Output	✓	-	-	✓
Tamper Detection	Lid, Wall & Screw	Lid & Wall	-	Lid & Wall
RJ45 Support for Network In/Out	✓	-	-	-
7 Segment Display	✓	-	-	-
Address Noise Notification	✓	-	-	-
Local Diagnostics	✓	-	-	✓
Temperature Sensor	✓	✓	-	✓
2 Way Wireless Communications	✓	✓	✓	✓ Requires W-AP
Light Sensor	✓	-	-	-
Tamper Return Terminal for External Sounders	✓	-	-	-
Antenna Diversity	✓	-	-	-
Frequency Hopping Technology	✓	✓	✓	✓ Requires W-AP
Acts as a Wireless Repeater	-	✓	-	✓ Requires W-AP
Acts as a Wireless Bridge	-	✓	-	-
Housing	High Density ASA	High Density ASA EXT: IP65 High Density ASA	-	High Density ASA
Wireless Devices	Supports up to 100 wireless devices	Supports up to 100 wireless devices	Supports up to 100 wireless devices	-
Dimensions (hwd)	132 x 185 x 37mm	123 x 25 x 29mm EXT: 158 x 67 x 36mm	-	195 x 151 x 50mm
Local External PSU	-	12V DC	-	12V DC 24V AC



Wireless External Sounder Support

“The ability to add a wireless external sounder to an existing system is one of my favourite features of the Wireless Universal Receiver.”

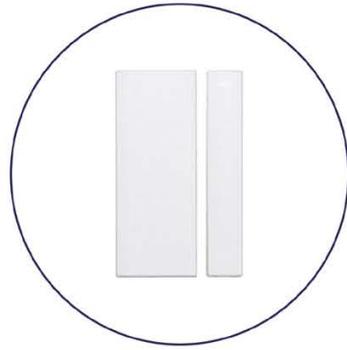
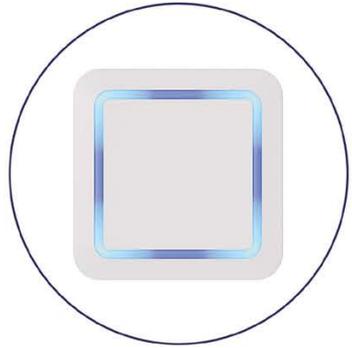


W-UZR Range

“Flexibility to add up to 1, 5 or 10 Orisec wireless devices onto 3rd party control panels or NVRs.”

		
Connectivity	WIRELESS	WIRELESS
Product Name	W-UZR-1	W-UZR-10
Description	Wireless Universal Receiver	Wireless Universal Receiver
Zones	1	10
Outputs	1	10
On Board Piezo	-	✓
Tamper Detection	Lid & Wall	Lid, Wall & Screw
7 Segment Display	-	✓
Local Diagnostics	✓	✓
Temperature Sensor	✓	✓
2 Way Wireless Communications	✓	✓
Frequency Hopping Technology	✓	✓
Housing	High Density ASA	High Density ASA
Wireless Devices	1	10
Dimensions (hwd)	87 x 25 x 25mm	132 x 185 x 37mm
Local External PSU	12V DC	12V DC 24V DC

Wireless Universal Receiver W-UZR-10



Use the W-UZR-10 to add Orisec wireless devices
to 3rd Party Control Panels or NVRs

End User ControlPlus App



ControlPlus 2

The ControlPlus App gives users complete visibility of their system, including camera streaming, allowing total operational control, system event notifications and monitoring from anywhere, at any time.

Installer Apps



Engineer App

The Engineer App will allow system diagnostics and configuration from your mobile device.



CoTD

The CoTD App will generate an engineer's "Code of the Day" and provide reset codes if that feature has been enabled on the control panel.

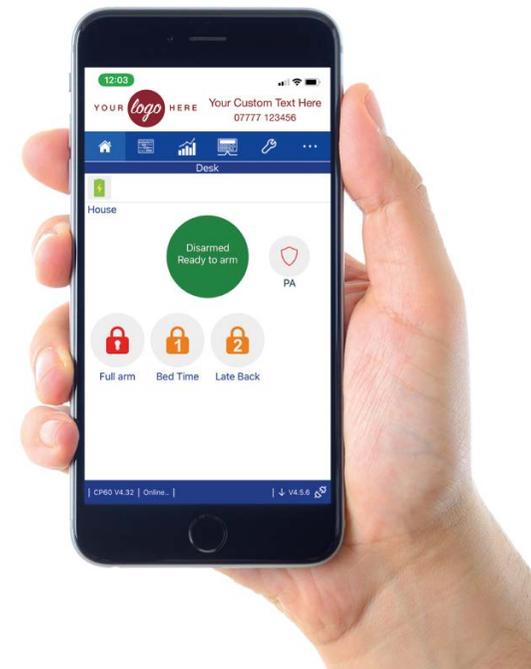
Elderly Care with the ControlPlus App



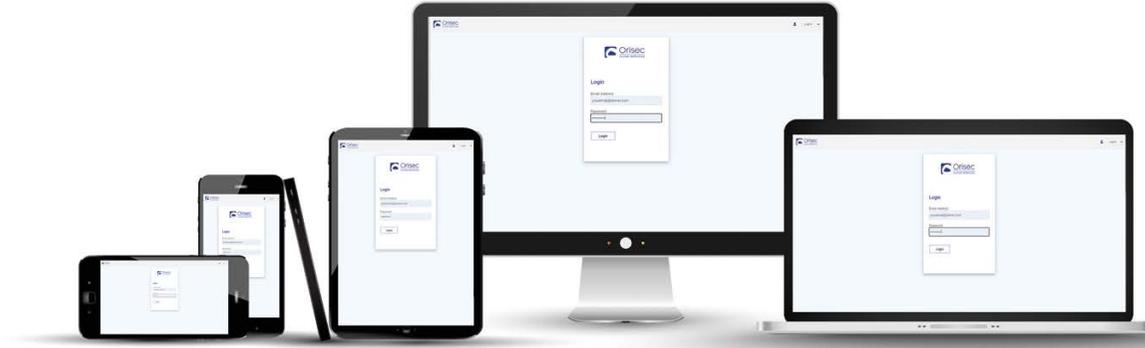
Did you know your customers can now use our ControlPlus App to check on their loved ones without invading their privacy?

The app will warn relatives if there has been no activity within the programmed zones and timeframes.

Customise our end user app with your company details



Remote Servicing



Orisec's cloud-based platform to manage your systems remotely via our web-based portal

PC Software



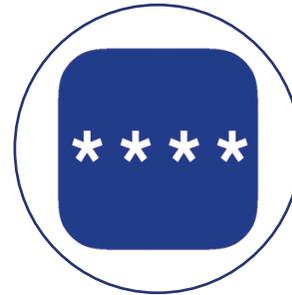
Orisec UDL Software



RKP Logo Editor



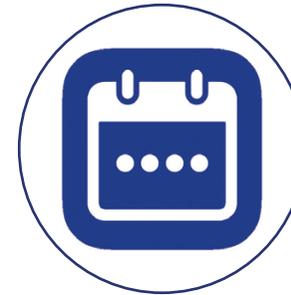
Flash Programmer



Easy Reset PC



Voice Message Uploader



Code of the Day

						
Connectivity	WIRELESS	WIRELESS	WIRELESS	WIRELESS	WIRELESS	WIRELESS
Product Name	W-KFI-2	W-KFN-2	W-KFI-4	W-KFI-6	W-KFI-WT	W-PA
Description	Wireless 2 Button Iconic Keyfob	Wireless 2 Button Numeric Keyfob	Wireless 4 Button Iconic Keyfob	Wireless 6 Button Iconic Keyfob	Wireless Walk Test Keyfob	Wireless Double Push Panic Button
Buttons	2	2	4	6	2	2
Functions	2	3	5	7	Walk Test	3
2 Button PA Function	-	✓	✓	✓	-	✓
Programmable Button	-	2	2	4	-	✓
Security Locking Feature	-	✓	✓	✓	-	-
2 Way Wireless Communications	✓	✓	✓	✓	✓	✓
Typical Range (line of sight)	> 150m	> 150m				
Simple Enrolment	✓	✓	✓	✓	✓	✓
Frequencies	868.65MHz & 869.15MHz	868.65MHz & 869.15MHz				
Frequency Hopping Technology	✓	✓	✓	✓	✓	✓
Average Battery Life (key presses)	> 30,000	> 30,000	> 30,000	> 30,000	-	> 2 Years
Battery (3V Lithium)	CR2354	CR2354	CR2354	CR2354	CR2354	CR2354
Replaceable Battery	✓	✓	✓	✓	✓	✓
True Battery Reading	✓	✓	✓	✓	-	✓
Digital Thermometer	✓	✓	✓	✓	-	✓
Multi-Colour LED Indication	✓	✓	✓	✓	✓	✓
System Status	✓	✓	✓	✓	✓	-
Installer Customisable	✓	✓	✓	✓	✓	✓
Colour	Black	Black	Black	Black	Black	Black/White
Dimensions (hwd)	70 x 39 x 16mm	86 x 57 x 27mm				
EN50131-5-3:2017	Grade 2	Grade 2	Grade 2	Grade 2	-	Grade 2

Keyfobs, Prox & PA

	
WIRED	WIRED
PRX-INT-NET	PRX-EXT
Internal Network Prox Reader	External Prox Reader
100 x 38 x 23mm (hwd)	100 x 47 x 17.5mm (hwd)
Grade 3	Available in Black/White
3 Programmable Inputs/Outputs	IP-65
On-Board Sounder	Wiegand Interface
Status Indication	Status Indication
Optional Side Mounting Bracket (PRX-INT-BKT)	Must be connected to the PRX-INT-NET or supported keypad
Lid & Wall Tamper	
English & Icon Versions	

Connectivity	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED	WIRED
Product Name	IR-200	IR-200-PET	QD-200	DT-200	DT-200-PET	DT-200-AC	QD-200-AM	DT-200-AM	DT-200-AM	W-IR-200
Description	PIR	Pet Friendly PIR	Quad PIR	Dual Technology PIR & MW	Pet Friendly Dual Technology	Dual Technology with Anti-Cloak Technology	Anti-Masking Quad PIR	Anti-Masking Dual Technology	Anti-Masking Dual Technology	Wireless PIR
Detection Technology	PIR	35kg Pet Friendly PIR	Genuine Quad Element Pyro	Dual Technology Combined Microwave (24GHz) / PIR	35kg Pet Friendly Dual Technology Microwave (24GHz) / PIR	Anti-Cloak Detection Dual Technology Microwave (24GHz) / PIR	Active IR Anti-Mask Genuine Quad Element Pyro	Active IR Anti-Mask Dual Technology Microwave (24GHz) / PIR	Active IR Anti-Mask Dual Technology Microwave (24GHz) / PIR	PIR
Slide to Fit Front Cover	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RFI Immunity up to 2.7GHz	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Optics	Multi Height Spherical Sealed	Multi Height Spherical Sealed	Multi Height Spherical Sealed	Multi Height Spherical Sealed	Multi Height Spherical Sealed	Multi Height Spherical Sealed	Multi Height Spherical Sealed			
Detection Areas	68	68	136	68	68	68	136	68	68	68
True Creep Zones	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Range	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°	15m x 90°
Mounting Height	1.8m to 3.1m	2.0m to 2.2m	1.8m to 3.1m	1.8m to 3.1m	2.0m to 2.2m	1.8m to 3.1m	1.8m to 3.1m	1.8m to 3.1m	1.8m to 3.1m	1.8m to 3.1m
Selectable Built in EOL Resistors	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Remote LED Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ Panel
Pulse Count	Digital, 1 or 2	Digital, 1 or 2 or 3	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2			
Temperature Compensation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tamper Detection	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid & Wall	Lid, Wall & Bracket
Ceiling/Wall Bracket Option	✓	-	✓	✓	-	✓	✓	✓	✓	✓ (DB-G3)
Advanced Signal Processing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microwave Frequency	-	-	-	K-Band, 24.15-24.25 GHz	K-Band, 24.15-24.25 GHz	K-Band, 24.15-24.25 GHz	-	K-Band, 24.15-24.25 GHz	K-Band, 24.15-24.25 GHz	-
Anti-Masking	-	-	-	-	-	-	Active IR	Active IR	Active IR	-
Self-Test	-	-	-	-	-	-	✓ Local & Remote	✓ Local & Remote	✓ Local & Remote	-
Wireless Repeater if Powered from 12V	-	-	-	-	-	-	-	-	-	-
Battery	-	-	-	-	-	-	-	-	-	CR123A 3V Lithium
Average Battery Life	-	-	-	-	-	-	-	-	-	> 2 Years
True Battery Reading	-	-	-	-	-	-	-	-	-	✓
Frequencies	-	-	-	-	-	-	-	-	-	868.65MHz & 869.15MHz
Digital Thermometer	-	-	-	-	-	-	-	-	-	✓
Frequency Hopping Technology	-	-	-	-	-	-	-	-	-	✓
Simple Enrolment	-	-	-	-	-	-	-	-	-	✓
2 Way Wireless Communications	-	-	-	-	-	-	-	-	-	✓
Microwave Enable/Disable	-	-	-	✓	✓	✓	-	-	-	-
Dimensions (hwd)	118 x 60 x 40mm	118 x 60 x 40mm	118 x 60 x 40mm	118 x 60 x 40mm	118 x 60 x 40mm	118 x 60 x 40mm	118 x 60 x 40mm			
Interchangeable Cartridges	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EN 50131-2-x	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2	Grade 3	Grade 3	Grade 3	Grade 2

Internal Detectors

			
Connectivity	WIRED	WIRED	WIRELESS
Product Name	DT-360	DT-360-AM	W-DT-360
Description	360 Ceiling Mount Quad (PIR) + Dual Technology	Anti-Masking 360 Ceiling Mount Quad (PIR) + Dual Technology	Wireless 360 Ceiling Mount Quad (PIR) + Dual Technology
Detection Technology	Dual Technology Combined Microwave (24GHz) / Quad PIR	Active IR Anti-Mask Dual Technology Combined Microwave (24GHz) / Quad PIR	Omni Directional Quad PIR + Dual Technology Combined Microwave (24GHz)
RFI Immunity up to 2.7GHz	✓	✓	✓
Optics	Free-Form Fresnel Lens	Free-Form Fresnel Lens	Free-Form Fresnel Lens
Detection Areas	124	124	124
Range	Up to 10m Diameter (at 4.0m Mounting)	Up to 10m Diameter (at 4.0m Mounting)	Up to 10m Diameter (at 4.0m Mounting)
Mounting Height	2.4m to 4.0m	2.4m to 4.0m	2.4m to 4.0m
Selectable Built in EOL Resistors	✓	✓	-
Remote LED Control	✓	✓	✓ Panel
Pulse Count	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2
Temperature Compensation	✓	✓	✓
Tamper Detection Options	Lid & Ceiling	Lid & Ceiling	Lid & Ceiling
Advanced Signal Processing	✓	✓	✓
Microwave Frequency	K-Band, 24.15-24.25 GHz	K-Band, 24.15-24.25 GHz	K-Band, 24.15-24.25 GHz
Microwave Enable/Disable	✓	✓	✓ Panel
Anti-Masking	-	Active IR	-
Self Test	-	✓ Local & Remote	-
Battery	-	-	CR123A 3V Lithium
Average Battery Life	-	-	> 2 Years
True Battery Reading	-	-	✓
Frequencies	-	-	868.65MHz & 869.15MHz
Digital Thermometer	-	-	✓
Frequency Hopping Technology	-	-	✓
Simple Enrolment	-	-	✓
2 Way Wireless Communications	-	-	✓
Dimensions (hwd)	108 x 108 x 31mm	108 x 108 x 31mm	108 x 108 x 31mm
Typical Wireless Range	-	-	> 150m Line of Sight
EN 50131-2-x	Grade 2	Grade 3	Grade 2

		
Connectivity	WIRELESS	WIRELESS
Product Name	W-SD-MC-C	W-MC-C
Description	Wireless Covert Shock Detector, Magnetic Contact & Accelerometer	Wireless Covert Magnetic Contact
Colours Available	White / Brown / Anthracite / Black	White / Brown / Anthracite / Black
Vibration Detection Technology	✓	-
Magnetic Detection Technology	✓	✓
Digital Signal Processing	✓	-
Solid State Shock Sensor	✓	-
Adjustable Sensitivity	✓	-
Lid Tamper	✓	✓
Back Tamper	✓	✓
Tri-colour LED	✓	✓
Frequencies	868.65MHz & 869.15MHz	868.65MHz & 869.15MHz
2 Way Wireless Communications	✓	✓
Accelerometer Always Awake	Programmable	-
True Battery Reading	✓	✓
Digital Thermometer	✓	✓
Simple Enrolment	✓	✓
Frequency Hopping Technology	✓	✓
Dimensions (hwd)	Standard Back: 96 x 25 x 7mm Deeper Back: 96 x 25 x 13mm	Standard Back: 63 x 25 x 7mm Deeper Back: 63 x 25 x 13mm
Magnetic Dimensions (hwd)	Standard Back: 63 x 11 x 7mm Deeper Back: 63 x 11 x 13mm	Standard Back: 63 x 11 x 7mm Deeper Back: 63 x 11 x 13mm
EN 50131-2-8:2016	Grade 2	-
EN 50131-2-6:2018	Grade 2	Grade 2
IP65 Waterproof Housing Option	-	✓



IP65 Rated Waterproof Housing

“The waterproof housing for the covert contact / accelerometer means they can be used to safely protect outdoor areas including gates & sheds.”



Deeper Backs for Covert Shock & Contacts

“Deeper back on covert shock & contacts improve wireless signal on metal frames & help to offset the magnet when needed.”



Truly Covert Contacts

“Impossibly small, at just 1 inch wide, these contacts are small enough to fit almost anywhere, including in uPVC window frames.”



Rotating Mounting Feet

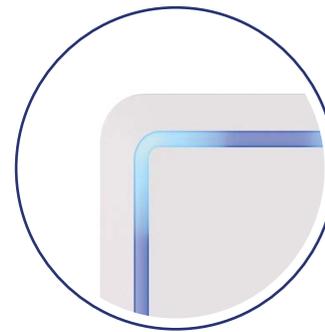
"Makes mounting so much easier, particularly on uneven walls."



Lid & Wall Tamper

"Combined lid & wall tamper with optional screw tamper."

	WIRED	WIRELESS
Connectivity		
Product Name	ES-120-BP ES-220-BP ES-320-BP ES-420-BP ES-520-BP	W-ES-120-BP W-ES-220-BP W-ES-320-BP W-ES-420-BP W-ES-520-BP
Description	Grade 2 Backplate	Wireless Grade 2 Backplate
Optional Orisec D-Lux Backlight	✓	✓ (if PSU Powered)
Adjustable Local Backlight Illumination	✓	✓ (if PSU Powered)
Adjustable Remote Backlight Illumination	✓	✓
Orisec Network Compatible	✓	-
Long Life LED Strobe	✓	✓
Sounder Volume	109 dB	109 dB
Piezo(s)	Single	Single
Engineer Hold-Off Mode	✓	✓
Selectable SAB/SCB Mode	✓	-
Twin Alternating LEDs	✓	✓
Low Current Mode	✓	-
Local Self-Test	✓	-
Remote Self-Test	✓	-
Fault Output	✓	-
Front Cover & Wall Tamper	✓	✓
Screw Tamper	-	✓
Hinged Front Cover with Quick Release	✓	✓
Hinged Terminal Block Cover	✓	✓
Spirit Level	✓	✓
Rotating Mounting Feet	4	4
Retained Front Cover Locking Screws	✓	✓
Polycarbonate Construction	✓	✓
Acts as a Wireless Repeater	-	✓ (if PSU Powered)
Sealed Electronics	IP44	IP65
Dimensions (hwd)	ES1: 299 x 304 x 62mm ES2: 240 x 397 x 63mm ES3: 298 x 295 x 60mm ES4: 326 x 225 x 60mm ES5: 297 x 296 x 54mm	299 x 304 x 62mm 240 x 397 x 63mm 298 x 295 x 60mm 326 x 225 x 60mm 297 x 296 x 54mm
EN 50131-4	Grade 2	Grade 2
EN 50131-4	Class IV	Class IV



Programmable LEDs

"We programmed the white light to come on when the user was entering or leaving a premises."



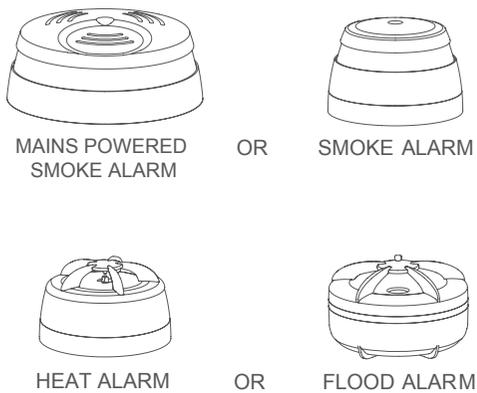
Your Logo Screen Printed

"We love how our logo looks when it's printed directly onto the speakers and sounders."

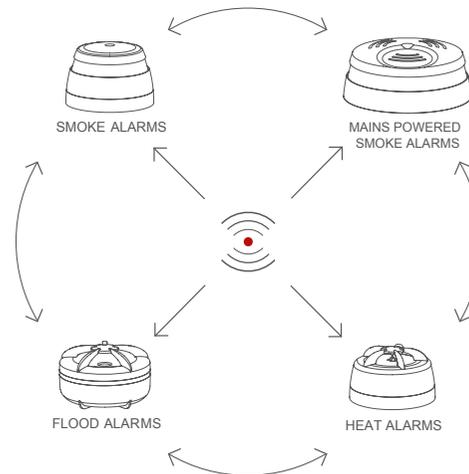
	WIRED	WIRELESS
Connectivity		
Product Name	INT-CS	W-INT-CS
Description	Internal Compact Sounder	Wireless Internal Sounder
Orisec Network Compatible	✓	-
Piezo (High Level)	✓	✓
Piezo (Low Level)	✓	✓
Speaker	-	--
Programmable Sounds	✓	✓
Programmable I/O	2	2
Voice Annunciation	-	-
Front Cover Tamper	✓	✓
Wall Tamper	✓	✓
Programmable lens Illumination	-	-
Programmable Multi-Colour LED Indicators	-	-
Long Life LED Strobe	✓	✓
Optional Wireless Access Point	✓	-
Acts as a Wireless Repeater	✓	✓ if PSU powered
Frequencies	868.65MHz & 869.15 MHz	868.65MHz & 869.15 MHz
Battery	-	4 x 1.5V AA
True Battery Reading	-	✓
Average Battery Life	-	> 2 years
2 Way Wireless Communications	✓ Requires W-AP	✓
Frequency Hopping Technology	✓ Requires W-AP	✓
Simple Enrolment	✓ Requires W-AP	✓
Digital Thermometer	✓ Requires W-AP	✓
Typical Wireless Range	> 150m Line of Sight	> 150m Line of Sight
Dimensions (hwd)	120 x 120 x 49mm	120 x 120 x 49mm
EN 50131-4	Grade 3	Grade 2
Alarm Sound dB	100dB	100dB

		
Connectivity	WIRELESS	WIRELESS
Product Name	W-SM-10Y	W-HT-10Y
Description	Optical Smoke Detector	Rate of Rise & Fixed 58°C Heat Detector
Built-in Sounder	✓	✓
85Dd(A) at 3m	✓	✓
Wireless Interlinked	✓	✓
Housing	Miniature 78mm Housing	Miniature 65mm Housing
Battery Type	Non Replaceable	Non Replaceable
Average Battery Life	10 Years Non Replaceable	10 Years Non Replaceable
Integrated Test Button	✓	✓
Wall Mount Base with Probe Included	-	-

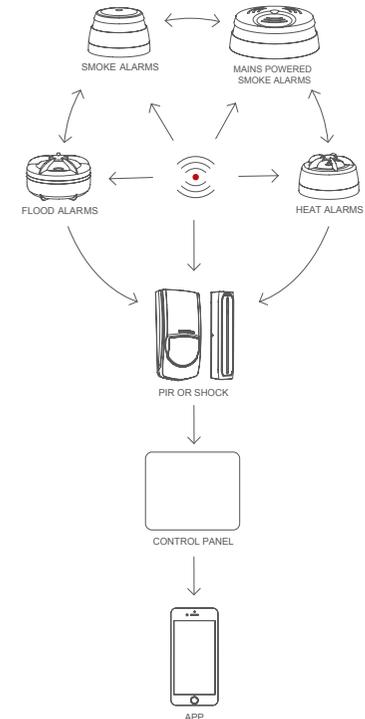
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