



ALARM SYSTEMS



WIRELESS PRODUCT CATALOGUE



WIRELESS

Onyyx wireless security system

Onyyx^{lite} is a wireless 20 device security system that allows for complete system control via the **Onyyx** smart App or a keyring remote.

Compatible with a full range of both indoor and outdoor IDS and OPTEX wireless detectors. **Onyyx^{lite}** is designed to meet your needs in a multitude of scenarios.

Revolutionary in both technology and design, **Onyyx^{lite}** is both easy to install and configure.

Onyyx^{lite} can be linked to the **hypp** platform for control room monitoring.

Features

App control

- Arm, disarm and bypass zones from the mobile App
- Real time notification of events
- Fully customisable to suit your requirements
- QR code scanning allows for quick installations

Fully wireless

- Full range of wireless indoor and outdoor detectors and beams.
- 2-Way wireless range of up to 600m.
- Fully supervised signal strength and battery status monitoring.

Mobile devices

- Compatible with Android, IOS or Huawei device's

Connectivity

- Wi-Fi 2.4 Ghz with Dual Sim LTE / 2G fallback
- Connects to your local monitoring provider through **hypp**

Battery back up

- Up to 12-hour battery life on **Onyyx** HUB.
- Up to 24-month battery life on wireless sensors



Onyyx HUB



MotionSense

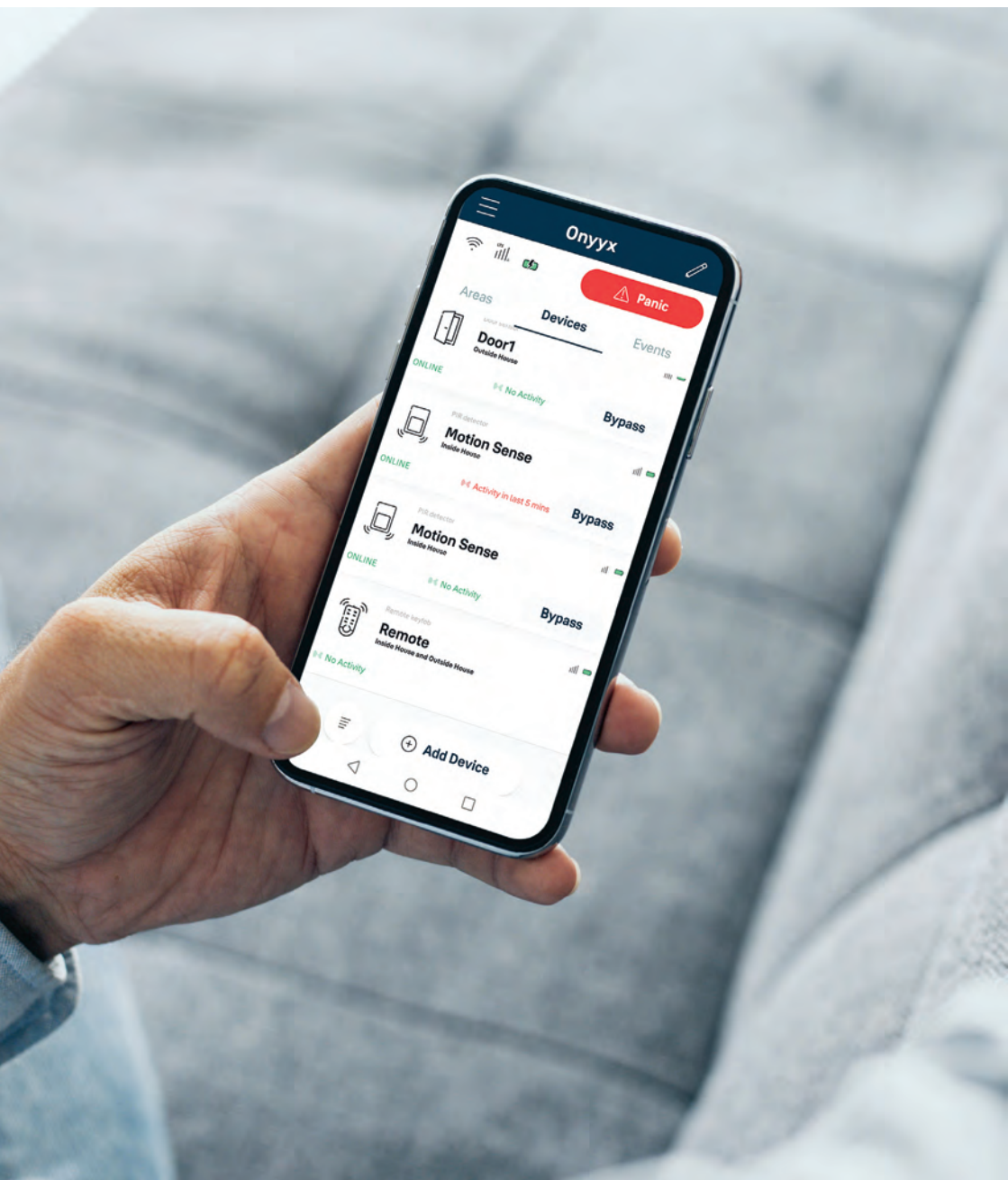


DoorSense



Remote

 **Onyyx** wireless security solution



Wireless accessories



XWAVE² wireless plugin

860-07-691

Features

- Compatible with the full range of XWAVE² OPTEX detectors
- Detector low battery monitoring
- Two way supervision
- Detector signal strength testing
- Programming done from the keypad or IDSwift2
- Auto detector code enroll



XWAVE² 5-button remote

860-22-Rem5-1

Features

- Xwave² bi-directional communication
- Multi-colour LED indicates control panel status
- Works with Xwave2 wireless hub
- 200m Line of sight range
- 868Mhz



XWAVE² Bi-directional wireless HUB

860-22-HUB

Features

- X64 - 4 HUB, 64 detectors
- Two-way supervision
- RF Jamming supervision
- Approximate range of 150m between detectors and receiver
- Intelligent bi-directional remotes with system status
- Home automation control
- Programming is done via the XSeries keypad or IDSwift2
- Auto code learning
- 2 On-board outputs

Wireless accessories



XWAVE² Input / output module

860-22-OP1

Features

- Wireless bi-directional communication
- One 10A relay output
- Two zone inputs
- Fully supervised



MotionSense

862-05-674

Features

- 15m Detection range with 95° angle
- Small pet friendly
- Two-way wireless transmission (868Mhz XWave²)
- 4 Year battery life
- Selectable LED indication
- Selectable pulse count
- High EMI / EMC rejection
- Screwless front access to battery
- ~~Optional~~ swivel bracket (



DoorSense

860-22-690-WHT

Features

- Sends an open and close signal
- Up to 2 year battery life
- External connector for 3rd party devices
- Up to 500m line of sight range
- Two-way wireless transmission (868Mhz)

OPTEX Wireless outdoor detectors



OPTEX FTN detectors

Features

- Outdoor low mount 5 x 1m
- Built-in 90° horizontal bracket
- Dual element Pet PIR
- IP55 and UV resistant ASA body
- Operating temperature: -20°C to +60°C
- Intelligent detection logic
- Pet tolerance
- SMDA Logic
- Active IR digital anti-masking*

XWAVE² Wireless

862-22-FTN-R 5x1m
862-22-FTN-RAM * 5x1m



OPTEX WXI detectors

Features

- Outdoor low mount 12m 180° wired or wireless detector
- Individual detection area setting (left and right)
- Self-learning IR digital anti-masking function
- Individual left (and / or) right alarm output (wired version only)
- Flexible range adjustment
- Secure housing
- Double conductive shielding
- SMDA Logic with anti sway
- Optional active anti-masking*

XWAVE² Wireless

862-22-WXI-R 12m 180°
862-22-WXI-RAM * 12m 180°



OPTEX VXI detectors

Features

- Outdoor low mount 12x12m wireless detector
- 5 Levels of detection length adjustment
- 7 Horizontal area adjustments
- Double conductive shielding
- Advanced temperature compensation logic
- SMDA logic for environmental noise immunity, with efficient energy management
- Optional dual-technology, anti-masking*

XWAVE² Wireless

862-22-VXI-R 12x12m
862-22-VXI-RAM * 12x12m
862-22-VXI-RDAM-X5* 12x12m

OPTEX Wireless outdoor detectors



OPTEX Active infrared beams

Features

- Infrared beam interruption detection
- Interruption period - variable between 50, 100, 250, 500msec (4 steps)
- Triple tamper functions
- 99% Beam blocking stability
- High grade aspherical lens
- Battery saving timer
- D.Q. Circuit (environmental disqualification)
- Long life battery operation (with 4 SAFT LSH20 batteries / not included)

XWAVE² Wireless

862-22-SL-100TNR 30m Dual Beam

862-22-SL-200TNR 60m Dual Beam



OPTEX HX detectors

Features

- 3m High mount outdoor angle detector
- Multiple pattern detection area technology
- Pyro-element intelligent and logic prevents false alarms caused by small animals
- IP55 and UV resistant ASA body
- Dual signal processing circuit automatically adjusts detection sensitivity preventing missed alarms in hostile environments
- Wide angle and long distance options
- Vegetation sway analysis logic
- Optional anti-masking*

XWAVE² Wireless

862-22-HX-40RAMC* 12mx85°

862-22-HX-80RAM* 24x2m



OPTEX WXS detectors

Features

- Outdoor high or low mount wired or wireless detector
- Individual detection area setting (left and right)
- Individual left (and/or) right alarm output (wired version only)
- Flexible range adjustment
- Secure lock housing
- Double conductive shielding and SMDA logic with anti sway
- (Optional) Self learning anti-masking function*

XWAVE² Wireless

862-22-WXS-RAM* 12m / 180 °

OPTEX Outdoor detectors



XWAVE²

VXS



OPTEX VXS detectors

Features

- Outdoor low mount 12x12m wired or wireless detector
- Digital dual and triple layer detection
- Flexible range adjustment
- Active anti-masking
- Double conductive shielding
- Easy setup and installation
- Secure housing
- SMDA logic with anti sway
- Optional dual-technology, anti-masking*

XWAVE² Wireless

862-22-VXS-RAM 12x12m

862-22-VXS-RDAM-X5* 12x12m

XWAVE²

BXS



OPTEX BXS detectors

- Outdoor 24m long range PIR - 12m detection areas on both sides of detector
- Digital dual layer detection
- Flexible range adjustment
- Double conductive shielding
- Individual left (and/or) right alarm output (wired version only)
- Easy setup and installation
- Extreme high detection mode
- Secure housing
- SMDA logic with anti sway
- Active anti-masking option*

XWAVE² Wireless

862-22-BXS-R 24m

862-22-BXS-RAM* 24m

XWAVE²

QXI



OPTEX QXI detectors

Features

- 12m x 15m detection area
- Selectable mounting height & pattern
- Anti-blocking function*
- Double conductive shielding
- SMDA Logic
- Automatic walk test mode
- Tough MOD : super tough microwave module*

Xwave² Wireless

862-22-QXI-R 12x15m

862-22-QXI-RDT-X5* 12x15m

OPTEX Outdoor/Indoor detectors



OPTEX WLX detectors

Features

- 12m wide angle or 24m corridor
- High mount or low mount outdoor detector
- Selectable detection patterns (pet alley or multi-level)
- Area-masking strips
- Selectable pulse count

XWAVE² Wireless

862-22-WLX-40 12x15m

862-22-WLX-80 24x2m



OPTEX Indoor long range detectors

Features

- Quad zone logic with digital target recognition for small animal tolerance
- Improved RF and white light immunity
- Advanced temperature compensation logic

XWAVE² Wireless

862-22-VNX-40PI-T 12x12m



OPTEX Indoor 360° detectors

Features

- Ceiling Mount between 3.4m - 3.6m
- Spherical lens design
- Temperature compensation
- Noise reduction circuit
- Selectable pulse count: 2 or 4

XWAVE² Wireless

862-22-WFX-360-1B 8-12mx360°

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