





PRODUCT GUIDE































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** 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 **hyyp** 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 hyyp

Battery back up

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



WIRELESS

IDS Onyyx Starter Kit

CP94

Fully Wireless alarm solution includes:

- · Hub Controller
- MotionSense with bracket
- DoorSense
- · Remote Transmitter

WIRELESS

IDS Onyyx Remote

SW157-9

- · Bi-directional communication
- · User friendly icons
- Up to 200m line of sight range
- Two-way wireless transmission (868Mhz)
- · Panic button fixed glow in the dark



The 806 is the latest next generation alarm system designed for small homes and businesses. This 8 zone solution is based on 25 years of experience of providing reliable, feature rich, user friendly, and value for money security solutions. For added installation convenience, the 806 now supports an optional 8 zone wireless receiver module that supports the full range of XWave OPTEX detectors, adding additional installation convenience and speed, with the benefit of installing detectors in the best position for the best detection and reliability.



KITS

806 Wired solution

KT16

Kit includes:

- · 806 Control panel
- · 8 Zone LED keypad
- · 806 24V DC PSU 1.5A
- · Siren 15W
- · IDS 12V 7AH Battery
- · Magnetic switches white
- · Panic button fixed glow in the dark
- OPTEX RX Core Saver wired indoor detector



KITS

806 Wired solution

KT16-

- · IDS 806 Base kit
- IDS MotionSense wireless indoor sensor
- Panic button fixed glow in the dark
- IDS DoorSense WHITE
- · XWave 2 Wireless Module



KITS

Wireless Serial solution

Kit includes:

- X64 Serial control panel
- · XSeries Curve series LCD keypad with multi language support
- DS 24VDC power supply for 806 & XSeries
- IDS 12V 7AH Battery sealed lead acid
- Siren 15W
- · XWave2 Bus wireless zone HUB
- IDS MotionSense wireless indoor sensor
- · Panic button fixed glow in the dark



CITS

X64 Wired Serial solution

KT16-2

Kit includes:

- · X64 Serial control panel
- XSeries Curve series LCD keypad with multi language support
- 24VDC 1.5 Amp power supply
- IDS 12V 7AH Battery sealed lead acid
- · Siren 15W
- · Magnetic switches white
- Panic button fixed glow in the dark
- Panic button fixed glow in the dark



806 Hybrid solution / 8 Zone alarm system

The 806 is the latest next generation alarm system designed for small homes and businesses. This 8 zone solution is based on 25 years of experience of providing reliable, feature rich, user friendly, and value for money security solutions. For added installation convenience, the 806 now supports an optional 8 zone wireless receiver module that supports the full range of XWave OPTEX detectors, adding additional installation convenience and speed, with the benefit of installing detectors in the best position for the best detection and reliability.



8 ZONE

806 8 Zone control panel

CP46-6

Features

- 8 Programmable zones (wired or wireless)
- 5 On-board programmable outputs
- · 1000 Event log
- · Optional zone tamper identification
- Up / downloadable (direct USB interface or GSM using hyyp)
- 24VDC Power supply



LED

806 LED keypad

CP48-4

Features

- · Modern design LED keypad
- · One button arming keys (Away & Stay)
- · Easy 4 wire connection to the control panel
- Pre-programmed Status LED output
- · Dedicated Panic input zone, creating a ninth zone



XWAVE

REMOTE

KeeLoq/XWAVE 3 / 5 channel remote MC43-2 / SW157-7

Features

- Switch between KeeLoq and XWave protocols
- · Works with IDS remote receivers and 806 wireless module
- · 150m Line of sight range
- 433Mhz



MODULES

hyyp AppConnectIP

CP62-14 Connects to local Internet

Features

- · Connects to local Internet
- No monthly subscription for App
- · WPS Router required for Wi-Fi



MODULES

XWave Wireless door contacts with input

SW157-3

Features

- · Built-in reed switch with magnet
- · LED on / off selectable
- · Fully supervised
- · Small elegant design
- · Available in white or brown (860-07-587-4)
- · 433Mhz
- Built in terminal connector to use with external wireless passives like Optex



MODULES

XWave Wireless door contacts with input MC43-2

- · Built-in reed switch with magnet
- · LED on / off selectable
- Fully supervised
- Small elegant design
- · Available in white or brown (860-07-587-3)
- 433Mhz
- Built in terminal connector to use with external wireless passives like Optex

XSeries Hybrid solution / 8 - 64 Zone alarm system XSERIES



IDS XSeries alarm control panels are the ideal security solution for residential and commercial environments, with a proven reputation for reliability and providing exceptional value in the industry. Offering an innovative range of wireless hybrid expansion, keypads and add-on modules, it is the most versatile and cost effective security system in the market place today.



8-64 **ZONE**

IDS X64 Serial control panel

CP51-1 - 8 Zones expandable to 64 zones

- X64 8 Zones expandable to 64
- 5 Outputs expandable to 57
- Hybrid
- 8 Partitions
- 1000 Event log
- Optional zone tamper identification
- Up / downloadable (direct USB interface or GSM using hyyp)
- 24VDC Power supply



RECEIVER

XWave 8 channel stand alone wireless zone receiver

SW157-1

Features

- 8 Channel connects to any control panels zone inputs
- 3 Trouble outputs for supervision of low battery, zone tamper and
- LED indicators per channel for zone trouble identification
- Easy detector enrollment
- Approximate range of 100m between detectors and receiver
- Ideal and convenient for adding OPTEX XWave



CHARGER

IDS - Rapid Charger Kit for Lead acid and Gel Batteries Only

PS86-6

Features

Rapidly charge your Lead acid and Gel batteries with a 2A constant output.

IDS - Rapid Charger Kit for Lithium Batteries Only PS86-7

Features

Rapidly charge your Lithium Ion batteries with a 2A constant output.



TOUCH

Touch Series LCD keypad

Features

- Touch LCD keypad
- Up to 8 keypads per system
- Dedicated panic button
- Keypad tone selectable
- Programmable zone input per keypad
- Renowned one-button arming
- User programmable stay, buzz and chime profiles
- Easy cross partition access



CURVED

Curve Series LCD keypad

CP52-2(New version launching 2023)

Features

- Multi-language (English, Afrikaans, Portuguese, Spanish, Greek, Italian)
- Up to 8 keypads per system
- Fire, medical and panic
- Keypad tone selectable
- Programmable zone input per keypad
- Renowned one-button arming
- User programmable stay, buzz and chime profiles





XWave² 5-button remote

SF157-5

- XWave² bi-directional communication
- Multi-colour LED indicates control panel status
- Works with XWave2 wireless hub
- 200m Line of sight range
- 868Mhz

XSeries Wireless / Hybrid solutions 8 - 64 Zone alarm system XSERIES



XWave², in partnership with OPTEX, offers the latest in bi-directional wireless technology. Operating in the less congested 869MHz band, it ensures signal acknowledgment to confirm message delivery, by utilizing clear channel assessment and encryption to avoid message tampering. Due to ultra-short transmission times and marshalling of status responses by the HUB, 64 wireless zones can be hosted in close confines. Lost or tampered detectors are picked up in minutes due to superior supervision algorithms.





XWave² Bi-directional wireless HUB

CP63-2

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





XWave² Input / output module

CP63-3

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





XWave Wireless repeater

CP63-4

Features

- Built-in XWave transceiver
- Extend the range of wireless detectors
- Programmable for which zones to repeat
- Includes rechargeable batteries and power supply



EXPANDER

XSeries 8 Zone plug in expander module

Features

- Zone expansion for zone 9 to 16
- 8 Wired, end-of-line supervised zone inputs
- Small footprint, easy install, plugs directly onto the control



EXPANDER

XSeries 8 Zone bus expander module

- 8 Zone bus expansion module (Max 6 per system)
- 8 Wired, end-of-line supervised zone inputs
- 2 Onboard programmable outputs
- Optional double end-of-line zone supervision
- Active monitoring of power supply (AC fail, battery and fuse)



ISOLATOR

XSeries RS485 Bus isolator / repeater

- Protect peripherals from surges on the key-bus caused by "ground loops"
- Provide 1kV optical isolation
- Will extend the range of key-bus signals

Accessories & modules

IDS XSeries alarm control panels are the ideal security solution for residential and commercial environments, with a proven reputation for reliability and providing exceptional value in the industry. Offering an innovative range of wireless hybrid expansion, keypads and add-on modules, it is the most versatile and cost effective security system in the market place today.



OUTPUTS

XSeries output expander

CP64-2

Features

- 8 X 1 Amp relay outputs
- · Provides power / battery / fuse failure monitoring
- Multiple partition armed / alarm status
- · Mimic panels and zone follower outputs
- · Home automation control and alarm triggers for DVRs



USB CABLE

IDS USB Direct interface cable

CP55

Features

- Connect directly to any XSeries and 806 control panel using the simple interface, to upgrade firmware
- · Download and amend programming
- · Download event logs, and change panel status.



USB CABLE

IDS DTMF Radio interface plug-in module

CP55-3

Features

 The IDS DTMF Radio Interface module is a stackable board for the new generation IDS alarm system. The IDS DTMF Radio Interface module communicates to other DTMF communication devices that transmit signals from the alarm system to the security companies control room, via DTMF tones.



MODULES

hyyp AppConnectIP

CP62-14 Connects to local Internet

Features

- Connects to local Internet
- No monthly subscription for App
- WPS Router required for Wi-Fi



IDS 805

IDS805 Control panel pcb with comms

CP43-3

Egaturo

- 3 Quick arm modes: (1)Away (2) Stay with no exit delay (3) Stay with exit delay
- 15 User codes
- · Stay zones selected by user
- · Chime zones selectable by user
- · Buzz zone selectable by user



MODULES

IDS 2 channel receiver

SW195-5

- \cdot Zone expansion for zone 9 to 16
- $\cdot~$ 8 Wired, end-of-line supervised zone inputs
- · Small footprint, easy install, plugs directly onto the control panel



Accessories & modules

IDS XSeries alarm control panels are the ideal security solution for residential and commercial environments, with a proven reputation for reliability and providing exceptional value in the industry. Offering an innovative range of wireless hybrid expansion, keypads and add-on modules, it is the most versatile and cost effective security system in the market place today.



POWER SUPPLY

IDS 24VDC power supply for 806 & XSeries

CP64-2

Features

- · 24V DC output
- 1.5A current at 55 o C
- Compact design.
- · LED to indicate if power supply is on



MODULE

806 Wireless add on module

CP48-9

Features

- 8 Zones
- Xwave / OPTEX
- · Repeater available
- · 1 Way wireless
- Fully supervised
- · 14 Remotes



DIALLER

IDS805 Dialler board

CP48-2

Features

 The IDS805 Dialler board is a stackable board for the IDS805 alarm system. The IDS805 Dialler board communicates through the telephone line or Contact ID communication devices that transmit signals from the alarm system to the security companies control room.



ENCLOSURE

IDS Alarm panel plastic enclosure

CP47-9

Features

- · Aesthetically pleasing design
- Robust ABS enclosure, fully recyclable plastic
- · RF Tranceivers can be mounted within
- Knockout cable entry points compatible with 20mm electrical conduit
- · Ergonomically enhanced design for optimal access



BEAMS

IDS Quad Outdoor Beam

BD83-

Features

- · Quad active infrared beams
- Excellent immunity to fog and mist
- · Response time of 50-700msec
- · Sensitivity monitoring output terminal
- 10.3-28Vdc (100mA)
- · 3 year warranty



PIR

XGuard wireless indoor PIR

BD59

Features

- · 9 x 9 Meter detection range
- 100° Wide angle
- · XWave 433Mhz wireless
- · Spherical lens and sealed optical design



BATTERY PACK

AA Battery pack with connectors

BA26-2

Features

· AA Battery pack for OPTEX low-current detectors.



Beams

IDS XSeries alarm control panels are the ideal security solution for residential and commercial environments, with a proven reputation for reliability and providing exceptional value in the industry. Offering an innovative range of wireless hybrid expansion, keypads and add-on modules, it is the most versatile and cost effective security system in the market place today.



IDS 4 Beam IR barrier beam set (60m)

BD114-1

Features

- 70cm x 6cm (10m Through to 100m)
- · Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 4 Beam IR barrier beam set (100m)

BD114-2

Features

- (10m Through to 100m)
- · Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 6 Beam IR barrier beam set (10m)

3D114-2

Features

- · (10m Through to 100m)
- Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 6 Beam IR barrier beam set (30m)

BD115-1

BEAM

Features

- · 117cm x 4cm (10m Through to 100m)
- Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- Gravity switch for anti tilt tamper- can adjust 180°
- · Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 6 Beam IR barrier beam set (60m)

BD115-2

BEAM

Features

- · 117cm x 4cm (10m Through to 100m)
- · Requires 2 adjacent beams to be triggered simultaneously
- Photoelectric infrared beams, difficult to crawl under or jump over
- · Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 6 Beam IR barrier beam set (100m)

BD115-3

BEAM

Features

- · 117cm x 4cm (10m Through to 100m)
- Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- · Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 6 Beam IR barrier beam (60m) outdoor

BD116-2

BEAM

Features

- · 210cm x 6cm (10m Through to 100m)
- · Requires 2 adjacent beams to be triggered simultaneously
- · Photoelectric infrared beams, difficult to crawl under or jump over
- · Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- 3 year warranty



IDS 10 Beam IR barrier beam set (100m) outdoor BD116-3

Features

BEAM

- · 117cm x 6cm (10m Through to 100m)
- · Requires 2 adjacent beams to be triggered simultaneously
- Photoelectric infrared beams, difficult to crawl under or jump over
- Gravity switch for anti tilt tamper- can adjust 180°
- Excellent false alarm immunity to rain, fog, white light & RF
- · 3 year warranty

OPTEX Outdoor detectors







XWave² Wireless

BD63-5 5x1m

XWave Wireless BD63-2 5x1m

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

BD70-9 12m 180° BD70-13* 12m 180°

XWave Wireless

BD70-8 12m 180°

OPTEX WXI detectors

Features

X WAVE

WXI

- 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

BD60-5 12x12m BD60-6* 12x12m BD60-7* 12x12m

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 BD64-5 - 200TNR 60m Dual Beam

OPTEX Active infrared beams

Features

- 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 BD62-9* 12mx85°

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





XWave² Wireless

BD61-7 12x15m BD61-8 24x2m

XWave Wireless

BD68 Outdoor 12x15m BD68-1 Outdoor 24x2m

OPTEX WLX detectors

- 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

OPTEX Outdoor / Indoor detectors







XWave² Wireless BD61-4* 12m / 180 °

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 sheilding and SMDA logic with anti sway
- (Optional) Self learning anti-masking function*



XWave² Wireless BD70-7 12x12m

OPTEX VXS detectors

Features

XWAVE XWAVE²

VXS

- · 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 BD86-7 24m BD86-9 * 24m

OPTEX BXS detectors

Features

- 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
- · SMDA logic with anti sway
- · Active anti-masking option*



XWave² Wireless BD65-9 8-12mx360°

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 BD65-4 45x2.4m / 21x21m

OPTEX CX detectors

Features

СХ

- · High mount indoor detector
- Selectable detection patterns (pet alley or multi-level)
- Area-masking strips
- Selectable pulse count





OPTEX Indoor long range detectors

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

IDS Wired / wireless pet friendly detectors





WIRED

MotionSense

Features

- 15m Detection range with 95° angle
- Small pet friendly
- High EMI / EMC rejection
- Selectable $3k3\Omega$ internal termination
- Selectable LED indication
- Selectable pulse count
- Configurable high/low sensitivity
- Screwless front access to terminals
- Optional swivel bracket



MotionSense

BD97-6

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



BRACKET

Mounting bracket

BD97-9

Features

- Screwless attachment on detector
- Cable channels to hide wiring
- Ceiling / wall mount



CONTACT US

Gauteng	
Alberton:	087 537 4166
Balfour Park:	011 640 2288
Boksburg:	011 918 8505
Centurion:	012 653 0653
Edenvale:	011 453 0229
Fourways:	011 467 8817
Krugersdorp:	087 092 8100
Linden:	011 888 5666
Longmeadow:	011 454 8009
Lynnwood:	012 460 4550
Midrand:	011 312 7576
Montana:	087 802 3939
Roodepoort:	011 760 1149
Strijdom Park:	011 791 4770

Xavier (JHB South): 011 433 8943

016 931 0116

087 537 4100

BRANCHES

Eastern Cape Fast London:

Free State

Bloemfontein:

KwaZulu Natal

Durban: Pietermaritzburg:

Pinetown:

043 735 4537 Ggeberha (PE): 041 364 3885

051 447 6969

031263 0901

087 803 4544

031 701 3222

Mpumalanga Fmalahleni

013 656 4140 (Witbank): 013 753 2831 Mbombela

(Nelspruit):

Limpopo

Polokwane: 015 296 0531

Western Cape

George: 087 537 4155 Northgate: 021 510 1411 021 745 4989 Ottery: Sybrand Park: 021 697 4777

CUSTOMER SUPPORT

Accounts email

Sales

email

accounts@regalsecurity.co.za

sales@regalsecurity.co.za

Support? Call ANY Regal branch and dial 2



nsc.support@regalsecurity.co.za



Need Technical



Exports:

Vanderbijlpark:

021 949 6330