



You deserve to feel safe, secure & protected.



# Scalable, professional security for home and business.

## Watchguard™ Professional 864 Alarm System

Have peace of mind knowing what you care about is safe and secure with the Professional 864 Alarm System from Watchguard. Protect your home or business against burglary, vandalism and fires and receive instant notifications to your mobile device.

Product specifications may be subject to change.

# Watchguard™ 864 Alarm System



## 864 Control Panel

WGAP864PB2 (black) & WGAP864PW2 (white)

The Professional 864 Hardwired Alarm System includes an 8 zone alarm panel and LCD touch keyboard (available in black or white). The alarm panel is customisable, add modules, expanders and accessories to provide tailored protection for your property.

Model	864 Alarm System
Supervised Zone /inputs	8 programmable end of line inputs
Zones Support	8 expandable to 64
Outputs on Alarm Panel	5 / 41 with Wired Zone Expander module
User Codes	128
Sensors	Wired
Keypad & Partitions	8
Log Events	1000

## Programmable Features

- **Auto arm / disarm** capability per partition
- **EEPROM memory**, retains all data even in event of a total power failure

## User Features

- **3 Second on button panic** option on remote
- **3 arm modes**; Away/stay with no Exit delay/ stay
- **Immediate notification** of burglar, fire, medical & panic conditions

## Communication

- **Immediate notification** of burglar, fire, medical and panic conditions
- **Dedicated panic zone**, monitored siren output & auxiliary power outputs
- **5 programmable outputs**, program to perform trigger/ switching functions
- **Optional tamper reporting** per zone using double end of line resistors (12k and 4k7)

## False Alarm Prevention Feature

- **Optional tamper per zone** with expander
- False alarm reduction features

## 864 Keypads



WGAP864KPW



WGAP864KPB

These modern LCD touch Keypad easily allows users to access alarm information and configure your security system's functions. The large LCD screen displays menus and messages to inform users of their alarm status/any changes made. All the alarm system programming is done via the LCD Keypad.

## Key Features

- Large LCD touch keypad
- Program alarm system via keypad
- **Add up to 8 keypads** to your alarm system
- **Auto arm / disarm** capability per partition
- **3 arm modes**; Away/stay with no Exit delay/stay
- Available in a modern black or white design
- Intuitive user friendly interface
- Adjust volume & keypad tone

## 8-Zone Plug-in Expander



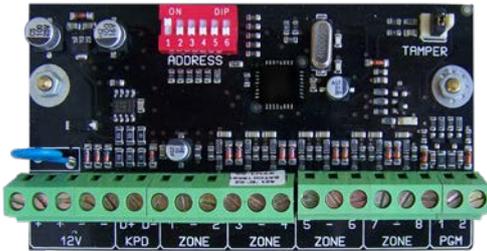
WGAP864EXP816

Designed to expand the original 8 zones to 16 (all onboard) by simply plugging it directly onto the main panel.

### Key Features

- Powered by new **1,5A onboard power-supply**
- Small footprint: it plugs directly into the panel
- Very simple expansion to 16 zone
- Pre-configured for **zones 9 to 16**
- 8 wired, end-of-line supervised zone inputs
- **Optional zone tamper** with 2x end-of-line resistors

## 8-Zone Expander for 16+ Zones Expansion



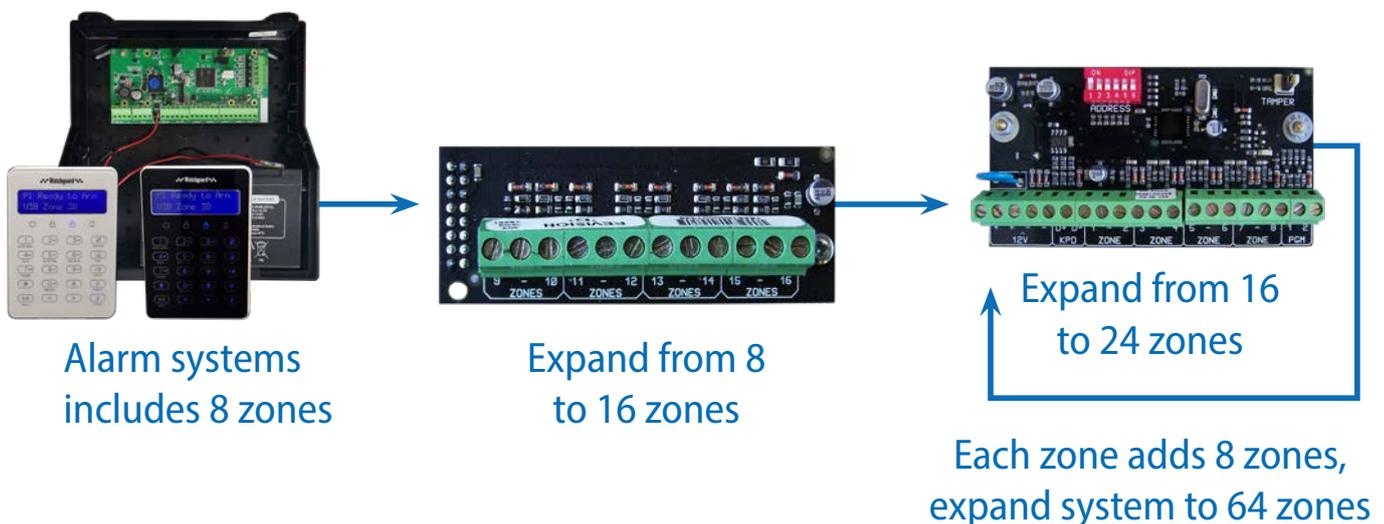
WGAP864EXP1664

Designed to expand the system from 16 zones to 64 (all onboard) by simply plugging it into the external keypad bus.

### Key Features

- Each 8-Zone expander provides an **extra 8 zones**.
- 8 wired, end-of-line supervised zone inputs
- 2 x positive 12V programmable outputs (80mA)
- Outputs are open relay (max. 14Amp) contacts & can be either pulsed or latched
- **Optional zone tamper** with 2x end-of-line resistors
- Programmable **loop response time**
- Dedicated box tamper input
- Excellent **protection against lightning** (provided by specialist “zap tracking” and transient suppressors)

## Expanding the Alarm System’s Zones



## IP/ WiFi Home App Controller

WGAP864IPMW

Remotely control your alarm system from anywhere with the IP/WiFi module (WGAP864IPMW\*) & the free HYP Home App, available on iOS and Android smart devices.



### Access to all alarms

Have access to all to your alarms plus customise, add and edit alarms

### Receive real time alerts

Receive live detailed notification alerts when an alarm is triggered



### Remote arm & disarm

Arm and disarm the alarm system at any time from anywhere

### Bypass zones & more

Remotely configure alarm sounds, activate panic mode & more

## Key Features

- Network connection between the module & alarm panel via WiFi or IP
- Control the alarm system from anywhere with the HYP Home App
- Receive live alerts when an alarm is triggered
- Control lights & gates with full home automation
- Arm or disarm the alarm system at any time
- Bypass zones remotely
- Configurable alarm sounds
- Activate panic mode

## 864 Remote Receiver

WGAP864WRX2

The WGAP864WRX2 Remote Receiver is a 433.92 MHz RF receiver that connects to a WGAP864 Alarm Panel. It allows users to remotely operate essential functions using Remote Transmitters.



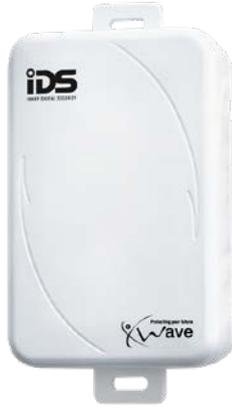
## Key Features

- Add up to 128 Users (128 remote transmitters) with full user identification
- 2 relay outputs with 1A contacts for gate/garage or light control
- Programmable from the keypad
- More receivers for more partition control
- The receiver can learn most rolling code transmitters
- Remote buttons can be programmed to arm/disarm; stay arm, panic, relay1, relay2, or no action
- Secure code hopping functionality
- 3 Second any button panic option
- Dedicated tamper zone
- Excellent remote range

## 16 Channel Wireless Receiver

WGAP864WRX16V2

Expand the original WGAP864 8 zones Alarm Panel to wireless 16 zone by simply plugging it directly onto the main panel.



### Key Features

- **16 fully supervised detectors** per receiver
- **Max 64 wireless detectors or 4 x receivers** (per system)
- **Approx 100m line of sight** between detectors & receiver
- All programming done from the WGAP864 keypad
- Receivers can be **installed anywhere** on the bus to optimise installation effectiveness
- Detector signal strength testing
- RF Jamming supervision
- 2 Onboard outputs
- Auto code learn

## Expanding Alarm System to Wireless



x16



**Wireless PIR Sensor (Pet Immunity)**

WGAP864WPIRV2

x16



**Wireless Door Contact**

WGAP864WDCV3

## Additional Accessories



WGAPCABLEUSB



PS24V2.5A

### Key Features

#### Programming USB Cable

- Program alarm panel via Windows PC in under 30s.

#### Switched-mode Power Supply

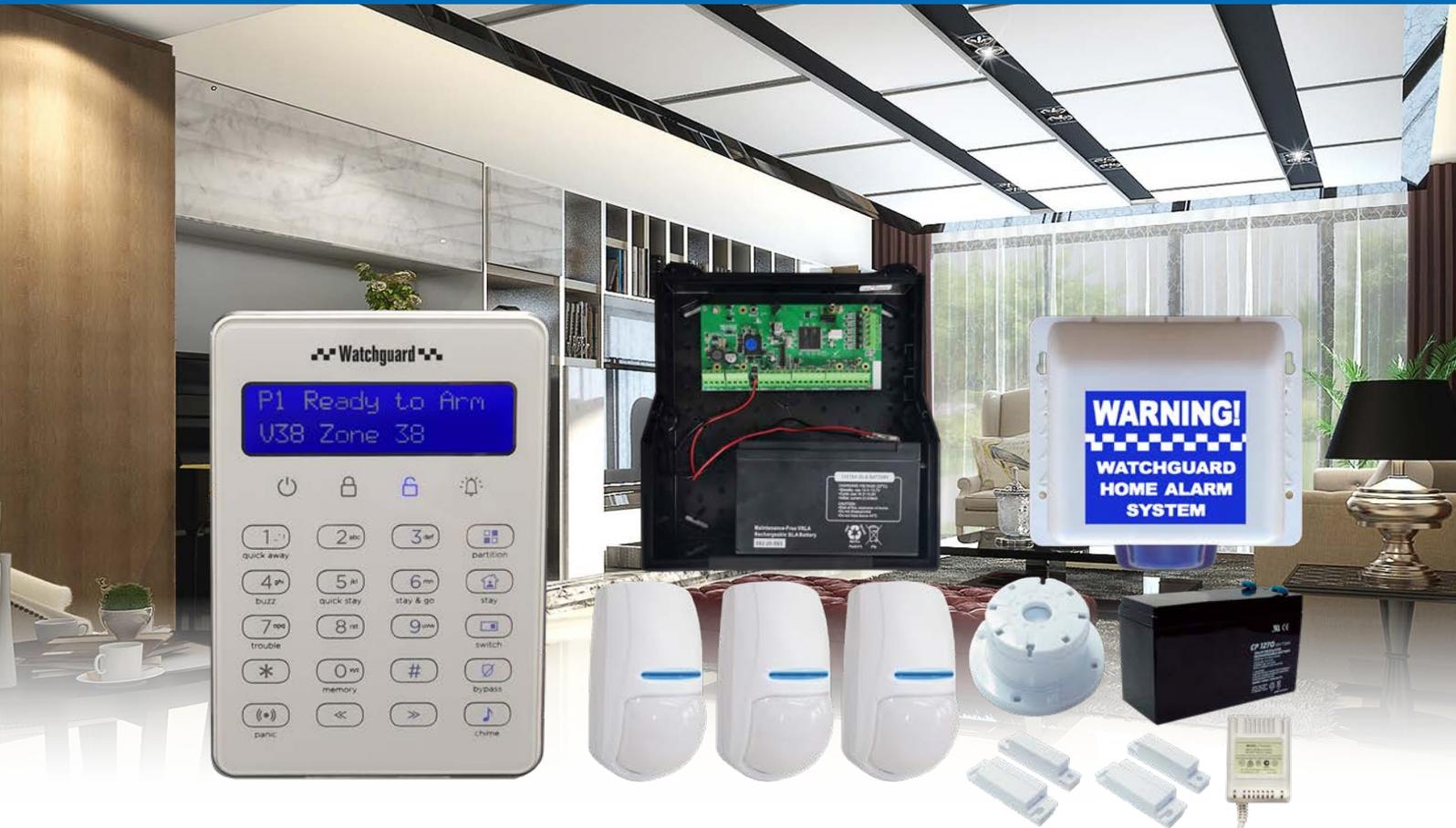
- Input Voltage: 100-240V 1.5A ~ 50/60Hz
- Output Voltage: 24VDC - 2500mA 60W
- Outgoing Line Length: 1.15m

# Professional building security up to 64 zones

Trust Watchguard™ to keep you safe, secure and protected with the truly versatile WGAP864 alarm panel. Expand easily up to 64 zones and integrate a wide range of hardwired and wireless sensors to deliver professional building security solutions for home and business.

## Alarm Panel Product Layout





# Protect what matters most.

## Watchguard™ WGAP864 Hardwire Alarm Starter Pack with Accessories

The Watchguard™ Complete Hardwire Alarm Pack is the ideal starter kit for hardwired security solutions in both home and commercial premises. This comprehensive pack provides all the essential components you need to establish a reliable and versatile security system. The starter kit is designed to be easily expandable, accommodating up to 64 zones, giving you the flexibility to adapt the system to your specific needs.

### WGAP864PACK2 Includes



**1 x 8 Zone Alarm Control Panel with LCD Keypad**  
WGAP864KPW



**1 x 7Ah Lead Acid Backup Battery**  
D12V7



**3 x High Quality PIR Sensors**  
PIRHWDT2



**2 x Surface Reed Switches for Doors or Windows**  
DSRLW



**1 x "Top Hat" Piezo Siren**  
DPS



**1 x Outdoor Siren/Strobe**  
COS



**1 x 24VDC Power Supply**  
PS24V2.5A

# Products & Accessories

## Alarm Systems



**WGAP864PB2**  
8 Zone Alarm Panel & LCD keypad (black)



**WGAP864PW2**  
8 Zone Alarm Panel & LCD keypad (white)

## Keypads



**WGAP864KPB / WGAP864KPW**  
LCD touch keypad in black or white

## Modules



**WGAP864IPMW**  
IP/WiFi Home App Controller

## Receivers



**WGAP864WRX16V2**  
16 Channel Wireless Receiver



**WGAP864WRX2**  
2 Channel Receiver

**WGAP864WRX16**  
16 Channel Wireless Receiver

## Power supplies, backup batteries, programming and more



**WGAPCABLEUSB**  
Programming USB Cable



**WGAPARB**  
12-16V Relay Board



**WGAPASE8**  
8 Zone Smart Bus Expander



**D12V7A**  
7Ah Lead Acid Battery



**WGAPAB1**  
RS485 Bus Isolator



**WGAPAOPE8**  
8CH Output Expander

**PS24V2.5A**  
24VDC Power Supply



**WGAPABC**  
PCB Battery Charger

## Wireless PIR sensors & reed switches



**WGAP864WPIRV2**  
Wireless PIR Sensor (Pet Immunity)



**WGAP864WDCV3**  
Wireless Door Contact