

DOMONIAL

Wireless security for remote monitored systems



With over a million installed sites, Domonial is one of the most popular remotely monitored radio security systems in use in Europe.

It includes a wireless visual and audio verification feature which allows the Alarm Receiving Centre (ARC) operator to see and hear what is happening if an alarm is activated. The operator can distinguish immediately whether an intrusion has occurred or if it is a false alarm.

The quality of its radio transmission (over 2km in open field), is designed to give maximum protection against interference, and the exceptional independent operation of its peripherals (4 years on average) guarantee long-lasting reliability to give the user complete peace of mind. This also means that the installer does not have to make repeated site maintenance visits. Its extreme ease of use avoids any operating errors. For example, the TCC8M or TCB800M keyfobs give the user direct access to the system's status (set / unset, thus avoiding the need to return to the alarm panel to check the status before going out.

For installers, Domonial greatly increases the speed and quality of their installations: All the peripherals in the range are linked by radio, so no cables are needed to connect to the alarm panel, resulting in major time-saving and no disturbance to the decor of the installation site. The portable TCU4-800M keypad, which is used to programme the Domonial control panel, is fitted with a radio signal verification system. This means that each peripheral can be located in such a way as to ensure perfect transmission, which not only saves time but also ensures maximum system reliability.

To reduce the risk of sabotage in the event of an attempted intrusion, no keypad is fitted to the front of the Domonial alarm panel. As a result, the panel can be installed in a discreet location

making it hard for any intruder to find.

The main panel is operated via a keyfob or a keypad that can be installed at the entrance to the home or that is mobile so it can be kept close at hand, wherever the user is in the home.

Domonial is designed to communicate. Over a public switched telephone network (PSTN), it allows a connection to almost every existing gateway. The GSM/GPRS module also fulfills this requirement. Furthermore, it can also be used to equip sites with no telephone line (e.g., a second home). The optional Ethernet module allows the alarm and remote monitoring to be set on partially or fully unbundled sites.

Domonial is also one of the components in a security chain that is unique in its field. When connected to an ARC fitted with remote Domonial reception and management systems, its installation is remarkably quick and easy. Thanks to the equipment's remote programming and remote automated test and maintenance functions, management of each site can be optimized remotely, resulting in major savings in the management and maintenance of the installed stock.

Domonial's X10 connection means that it is easy to add home automation functions (e.g. lighting or heating management) to the site's security using widely-available off the shelf modules.

Optionally, an external antenna allows you to extend the radio range of the Domonial alarm panel to cover, for example a garage, small commercial premises or a poolside cabin.

The Domonial alarm panel is DD243:2004 - BS8243:2010, EN50131-3:2009, EN50131-6:2008 and EN50131-5-3:2005/ A1 Grade 2 & Environmental Class II certified and NF&A2P type 2 approved.

Main features:

- Integrated wireless security system
- 2-way 868Mhz radio transmission with adaptive radio jamming detection
- Up to 32 wireless peripherals per installation
- Alarm transmitted over PSTN network, GSM/GPRS*, Ethernet
- External antenna kit* allows the antenna to be installed at a distance of between 5 and 60m
- Transmission of images captured by infrared detectors with built-in cameras from the Domonial range
- Compatible with almost all existing alarm receivers
- May be connected to the Domonial installation and maintenance support systems
- X10-compatible for home automation applications
- Built-in microphone & loudspeaker for audio verification and for speaking to an ARC operative
- Wireless audio transfer to the LKPES8M-EN keypad
- 3 security areas (main area, perimeter, annex)
- Built-in siren (95db) with different adjustments for intrusion and smoke detection

* Optional

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Technical specifications:

Features:	
Peripherals	Up to 32 radio peripherals (detectors, keypads, keyfobs) – 4 years' independent operation on average. 1 programmable wired output
Video ⁽¹⁾	Transfer of images captured by infrared detectors with built-in cameras from the Domonial range (up to 10 ⁽⁴⁾ video detectors)
Radio	868-870 Mhz narrow band. 10 sub-channels 2-way protocol. Anti-jamming technology (Optional remote antenna)
Siren	Built-in loudspeaker / Siren. 95db max. 2 settings (intrusion / fire)
Intercom	Built-in microphone & loudspeaker for audio verification and speech (half-duplex)
Transmission	Built-in PSTN transmitter with telephone line return. Built-in or optional GSM transmitter, depending on the alarm panel model ⁽²⁾ Optional Ethernet transmitter ⁽²⁾
Protocols	PSTN: Secom 3 – Contact ID – Cesa – Surtec. IP/GPRS: Secom 3.
Users	10 users - including 1 master
System information	5 LEDs on the panel provide full system status. Log: 1000 events
Power supply	230V AC Backup battery 4V / 3.5 Ah – 60-hour / 48-hour independent operation (depends on the module installed)
Home automation	X10-compatible – up to 12 peripherals
Dimensions (h x w x d)	183 x 235 x 48mm

Ordering references: (alarm panels)

CMI8UK-STD-7	Alarm panel with built-in PSTN transmitter
CME8UK-STD7G	Alarm panel with PSTN transmitter and GSM/GPRS module

Control peripherals and accessories:

ETH800 ⁽²⁾

- Ethernet Module
- RJ45 Connector
- 10 Base T (10 Mbit/s)
- Ethernet fault detection

EXT-ANTENNA-1

- Remote antenna kit
- 2-way communication
- Locate between 5 and 60m from the control panel

GPRSE-1 ⁽²⁾

- GSM/GPRS Module (900 / 1800 Mhz)
- Provides main or backup transmission

⁽¹⁾ : Compatible with: CME8UK-STD7G, CMI8UK-STD-7 fitted with an ETH800 module

⁽²⁾ : Only one module can be fitted in the panel (Ethernet or GPRS)

Programming tools:



DOMOPC

- Programming kit
- Remote configuration
- Remote diagnostics
- Event log
- Compatible with a PSTN line equipped with fax / answering machine
- Software, USB/serial adapter, CAB800PC and DOMODEM2 supplied
- Display of images captured by the infrared detector(s) with built-in camera(s)



DOMODEM2

- Modem for PSTN line
- Serial cable supplied

DOMOPC-LT

- Kit includes software, serial cable and USB adapter

DOMOPC-GSM

- GSM Modem supplied with software and USB adapter

CAB800PC

- Serial connector cable for local programming

Common keypad features:

- Up to 10 users
- Full, partial or annex area setting
- Home automation control ⁽³⁾



TCU4-800M

- Keypad with integrated proximity reader for programming and general use
- 155 x 62 x 28 mm (h x w x d)



LKP-S8M-EN/LKPES8M-EN

- Keypad with integrated proximity reader
- Built-in 90dB siren
- Half-duplex wireless audio (LKPES8M-EN)
- 150 x 110 x 27 mm



TAG-G / TAG-I

- Gray or ivory proximity tags for TCU800M and LKP(E) S8M-EN

Common keyfob features

- Full, partial or annex area setting
- Home automation control ⁽³⁾



TCB800M (White) ⁽⁵⁾

TCB800M-1 (Black) ⁽⁵⁾

TCC8M / TCC800M ⁽⁵⁾ (Compact)

- 2-way communication
- System status on request
- Cyclic code encryption
- Alarm memory warning
- Programmable key combinations
- Optional belt or wall bracket for TCC8M / TCC800M
- TCC8M: Compliant to DD6662:2010/ BS8243:2010
- TCB800M-1 & TCC800M include panic function for use on local audible signalling systems only
- TCB800M-1: 75 x 37 x 16 mm (h x w x d)
- TCC8M/TCC800M: 48 x 56 x 9 mm (h x w x d)



TCPA2B

- Panic button
- Compliant to DD6662:2010 BS8243:2010
- Supplied with belt clip/wall mount
- 39 x 14mm(Ø x h)



TP800

- Wired intercom terminal
- Up to 3 peripherals and 30m maximum
- 135 x 85 x 35 mm (h x w x d)

⁽³⁾ For home automation installations (to standard X10) fitted with XM10 modules

⁽⁴⁾ Or 5, depending on the model of detector used

⁽⁵⁾ Models with panic function

Honeywell reserves the right to change the product without prior notice.

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