

INSPIRE-32W

WIRELESS SECURITY AND SAFETY PANELS

The Inspire-32W is SIM new generation of wireless Security and Safety panels.

The Inspire-32W eco system offers highest reliability in data transmission, outstanding multiple connectivity along with advanced Cloud and Apps capabilities.



SPECIFICATION

Users	Up to 16 users with codes and/or pendants
Zones	Up to 64 2 Way Wireless Zones: Up to 32 ISM (RF) zones and 32 DECT zones Working modes including Normal, Stay, 24H, Chime Remotely zone configuration
Areas	Up to 4 Partitions (areas)
Arming Modes	Total, Stay, Latchkey, Duress, Bypass
Outputs	Up to 32 Wireless Outputs: Up to 16 ISM outputs and 16 DECT ULE outputs
Visual verification	Up to 8 indoor or outdoor PIRCAM detectors
Communication	GSM / GPRS 3G Ethernet WI-FI SMS Control Commands
Encryption	AES-256
Communication Protocol	Freewave2™ Two Way ISM GFSK with 5 frequencies & LBT DECT ULE
ISM Frequency Bands	868MHz or 916MHz
Operating Range	Up to 600 meters open space
Report Channels	Up To 8 report channels 4 communication paths: TCP/IP, Wi-Fi, GSM/GPRS, SMS with Backup between communication methods Full Duplex voice call (with DECT Panic devices)
Protocols	Multi-protocol support to CMS: Contact ID, SIA DC09 – SIA DCS (03) and SIA-09 (ADM-CID)
Mobile Apps	iOS / Android / Web
Programming	Via Web browser interface
Log Events	2000 events
Time Zones	Up To 8 Time Zones

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ELECTRICAL	
Power Input	110V±230V AC 50/60Hz
Power Supply Type	Internal or External AC/DC Adaptor 6V/2A
Low Battery Threshold	3.6V (±0.1V) DC
Backup Battery Type	Battery Pack 3.7V/2600mAh
Time to Charge	24 hours
Battery Autonomy	More than 12 Hours (w/o DECT active)
Battery Charge Max current	Approx. 500mA
Current Consumption	Average: 120mA (with DECT active 230mA)

PHYSICAL PROPERTIES	
Dimensions	233.8 x 165.8 x 31.6 mm
Weight	1.40Kg including battery
Operating Temperature	-10° C to 55 °C
Storage Temperature Range	-20 °C to 60 °C
Mounting	Desk or Wall mount with Front & Back tamper protection

Compliance	RE directive (RED):2014/53/EU EN50131 Grade 2, Environmental Class II
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