

SERENITY™

Residential Two Way Wireless Alarm System



Simple to learn and easy to use, Serenity™ is a powerful system for any residential application via any communication path you choose. With Serenity™ comprehensive Solutions, your home is now safe, comfortable and can be remotely managed from anywhere.



Safety Home Personal Care

Serenity™ can be used to raise an alarm call from anywhere in the home.



Security Visual Verification

Advanced solution for alarm transmission and visual verification to CMS by TCP/IP



CrowCloud Connect™

Mobile Application to monitor and control your system anywhere any time!



Home Automation

Serenity™ supports control systems such as airco, lights, electric blinds, garage door etc.

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- Easy to use
- All-in-one solution in compact design
- Two way wireless system
- Easy to install, Manage and Update
- Web and Mobile Smart Applications



PRODUCT FEATURES

- Up to 32 Wireless Zones (2-way)
- Up to 2 Wired Zones
- PIR-Camera Compatible (up to 16)
- 4 Partitions available
- GSM/GPRS Communication (Optional module)
- Built-In Ethernet TCP/IP
- 32 Users
- Built-In RFID Proximity Reader
- Two Way Wireless LCD Keypad (up to 8)
- Up to 16 Outputs (Sirens, AC Plugs, etc...)
- Up to 2 Wired Outputs
- Built-in internal siren Yes (100 ±3dBA at 1 meter)
- Ability to customize zone names Yes
- User friendly menu & voice guide 12 languages available
- Pre-recorded Messages (can be modified locally)
- Audio Verification Full Duplex voice communication
- Remote call
- Voice prompts
- 2000 Log Events
- Device Supervision Programmable (7 minutes by default)
- **8 Communication Channels available**
 - TCP/IP CID or SIA (Receiver Software)
 - PSTN Voice Messages
 - PSTN direct CID or SIA
 - Email notification (if Pircam enabled)
 - GSM Voice and DTMF
 - GSM SMS notification & Commands
 - GPRS CID or SIA (Receiver Software)
- **Special Functions**
 - Zones Bypass
 - Chime zones
 - Walk Test Mode and RSSI signal check
 - Events Memory (2000 logs)
 - Local message recorder (record/playback)

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SPECIFICATION

RF Network Type	FW2 Two Way Protocol
Frequency Bands (MHz)	868-869 MHz or 916-917 MHz with Frequency in-band (Listen Before Talk)
Operating Range	500 meters open space
Zones Number	32 wireless zones 2 wired zones (remain 30 wireless zones)
Available Partitions	4
Installer and User Codes	1 installer code 1 super user 32 users
Control Devices	Built-in capacity keypad Optional Two-Way Wireless LCD keypad with full programming capabilities. Optional Two -Way Wireless Icon Keypad Two -Way Remote Control (Rolling Code) Mobile Smart Application CrowCloud Connect™
Outputs	Up to 16 outputs 1 internal siren (output #1 by default) 2 available wired outputs Wireless Outputs Relays Wireless AC Plug
Display	Built-in LCD Display 64 x 128 pixels
Arming Modes	Total, Stay, Latchkey, Duress, Bypass
Languages	12 languages (display and audio messages) English, French, Hebrew, German, Russian, Spanish, Portuguese, Dutch, Italian, Chinese, Greek and Turkish.
Internal Souder Output	100 ±3dBA at 1 meter
Supervision	Programmable (7 minutes by default) 60 sec for PIR-CAM and FW2-LCD Keypad
Special Functions	Zones Bypass Chime zones Walk Test Mode and RSSI signal check Events Memory (2000 logs) Local message recorder (record/playback)

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COMMUNICATION

COMMUNICATION	SERENITY™ Without GSM Module	SERENITY™ With GSM Module
Capabilities	Built-in PSTN Dialer/Modem Built-in TCP/IP module	Built-in PSTN Dialer Built-in TCP/IP module GSM/GPRS Module
Data Transfer to Local Computer	USB connection (direct) TCP connection (Web Connection)	
Report Channels	5	9
Report Destinations	Private Phone Monitoring Station Mobile Application CrowCloud Connect™	
Report Format	TCP/IP Contact ID or SIA by using Receiver Software PSTN Voice Messages PSTN direct CID or SIA Email notification (if PirCam enabled)	TCP/IP Contact ID or SIA by using Receiver Software PSTN Voice Messages PSTN direct CID or SIA Email notification (if PirCam enabled) GSM Voice and DTMF GSM SMS notification and Commands GPRS Contact ID or SIA by using Receiver Software
Report Type to Private Phones	Voice Messages(pre-recorded) Messages can be modified locally DTMF Commands Capabilities	Voice Messages (pre-recorded) Messages can be modified locally DTMF Commands Capabilities SMS
Ring Detection	Yes ,Programmable	
Audio Verification	Full Duplex Two-way voice communication	
Mobile Application	CrowCloud Connect™ (Apple / Android / Web)	
Remote Programming	Via PC software Easy-Serenity™ reachable by USB, PSTN and TCP/IP	

ELECTRICAL

Power Supply Type	External AC/DC Plug-In Adaptor 9V/1.3A
12V Out Voltage	12V (±1V) DC
Max Current allowed to drain from 12V -Out	100mA
Low Battery Threshold	7.1V (±0.2V) DC
Backup Battery Type	Battery Pack 7.2V/2050mAh
Time to Charge	24 hours
Internal Siren Current	Up to 150mA
Output Sirens Current	Up to 100mA
RFID Module Current	Up to 100mA

PHYSICAL PROPERTIES

Operating Temperature Range	-10° C to 55 °C
Storage Temperature Range	-20 °C to 60 °C
Humidity	90% relative humidity
Dimensions	291 x 165 x 35 mm
Weight	1.40Kg with battery