

Electronics Line 3000's state-of-the-art platform, infinite™ Prime, offers a complete and modular solution, combining security, safety, connectivity and control, with advanced remote management using PSTN and/or GSM.

The solution incorporates diagnostic and maintenance tools for providers and is designed for simple and reliable wireless installation.



Advanced Communication Features

- Internal GSM/PSTN/X-10 communication modules
- Two-way audio communication – full duplex/simplex
- GSM, PSTN as primary or backup communication mode
- DTMF and SMS alerts to end-users
- SMS-SIA (textual) via GSM/SMS for fast and reliable event reporting
- SIA and Contact ID via PSTN/Voice over GSM
- GSM Siemens MC-55i Quad-band engine (850/900/1800/1900 MHz) with GPRS Class 10 support, utilizing voice channel, SMS and data over a 9600 baud rate modem
- PSTN high-speed Silicon Labs modem chipset, 2400 baud rate
- 8 telephone numbers: 3 CMS/reporting accounts (monitoring), 3 voice notification (self monitoring), RP callback and service call

Remote Maintenance and Service

- Remote programming through PSTN/GSM
- PSTN/SMS receivers for monitoring stations

Robust, Encrypted FM Technology

- Incorporates FM technology (vs. AM) for optimal RF noise immunity
- Infineon™ receiver, super-heterodyne, fixed frequency
- Digital RSSI (Reception Signal Strength Indication)
- 66 bits encryption with SecuriCode™ technology (hopping and rolling code)
- Robust anti-collision
- Low power system: very low power consumption for transmitters; requires only 6µA in standby mode
- High-quality 3.6V/1.2Ah lithium batteries (2x-screening process)
- Two-stage transmitter for improved frequency stability
- PLL synthesizer method
- Frequency options: 868, 433, 418, 315MHz

Advanced, User Friendly Control System

- Easy to read LCD display
- Multi-lingual visual, textual and audible voice messages and notifications
- One button arm/disarm and a service call button for pre-assigned destinations
- Message center and memo recording options
- Listen-in and two-way voice channel
- Intuitive partial arming options

All in One, Modular

- All system components in one box
- Easy upgrades (modules selection by user with simple additions replacements)
- Built-in power supply
- PSTN and GSM built-in modules
- X10 built-in module for home automation capabilities



Control System Features

- Fujitsu's 16-bit CPU core@16Mhz
- ITRON based built-in operating system
- 32 zones
- 32 user codes
- 256 events log
- Serial port for on site laptop programming and firmware updates
- Programmable relay outputs contact rating: 100mA (max. load)
- Built-in siren (in wireless configuration): 105dB or 85dB
- Operating temperature: 0-60°C

Full Range of Wired and Wireless Detectors

- Internal and external motion detectors (incl. pet immune)
- Glass-break detector
- Magnetic switch
- Smoke, CO, Butane, Propane, Methane detectors
- Flood detectors
- Low temperature detector
- Vibration sensor

Various Encrypted Connectivity and Control Devices

- Up to 19 wireless keyfobs
- Up to 16 smartkeys
- Medical emergency button
- A variety of wired and wireless keypads
- 4 repeaters
- External 2-way wireless siren

Unique Installer Tools

- Menu driven programming for quick and easy installation
- Modular, plug & play system configuration for quick and easy expansion
- Simple and fast wireless device registration
- Advanced remote programming software
 - Fast up/downloading via PSTN or GSM
 - Delete keyfobs remotely
 - Upload status of all wireless devices
- 3 customizable default programs for presenting all system parameters, minimizing on-site system configuration
- Installer built-in utilities
 - Real-time transmitter list and status, visible and audible signal strength meter
 - GSM strength meter
 - Smart walk test; Transmitter test; Wireless siren test; Internal siren test; Interface test
- Range extender repeater for expansive installations