



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 GSM communications.

The solution incorporates diagnostic and maintenance tools for providers and is designed for simple and reliable installation. The control system and its peripherals may be installed using wired, wireless or hybrid connections.

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
- SMS and/or email (optional) 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-55 tri-band engine (900/1800/1900 MHz) 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 and GSM
- PSTN and 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
- 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
- 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/or 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: 105dB or 85dB
- Operating temperature: 0-60°C

Full Range of Wired and Wireless (Hybrid) Detectors

- Internal and external motion detectors (incl. pet immune)
- Glass-break detector
- Magnetic switch
- Smoke, CO, Butane, Propane, Methane detectors
- Water leak 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; speaker test
- Range extender repeater for expansive installations