

“Future-proof your multi-path high security communications”

“Enhance the security of your favourite alarm panel with multi-path reporting”

The FE3000 can be used to add additional reporting paths to your alarm panel such as GSM. All paths are monitored and if one path fails then that failure is reported along with any alarms via another path. The FE3000 can also independently test the alarm panel as fast as every 5 minutes without costing a telephone call. Any panel failure can be immediately reported.

The FE3000 can police all incoming telephone calls, ensuring that panel upload/download packages can only access the panel when allowed.

“True standalone operation”

Unlike other backup units, the FE3000 does not rely on the alarm panel for dialer communications. With its own dialers and power supply, the FE3000 is completely self-sufficient.

Because the FE3000 has 11 dual resistor EOL zones and 12 outputs, in many instances an alarm panel is not required. The FE3000 also has 24 internal inputs for reporting internal alarm conditions such as “Low battery”.

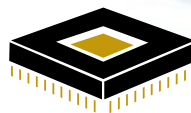
“Enhanced GSM Reliability”

By using its own in-built GSM dialer, the FE3000 is more reliable when using the GSM path compared to other backup units that rely on using the alarm panel dialer. With a separate in-built PSTN dialer, the FE3000 can also sense any type of PSTN failure such as no dial-tone and instantly switch to another path.

“Future-proof your multi-path high security communications”

By standardizing on the FE3000, you won't need to learn a new product or be left behind as exciting new “fast polling” IP data based reporting is added using ADSL, GPRS and 10BaseT. In many instances a simple firmware flash upgrade is all that will be required. No messy changing of chips is required, as new firmware is regularly published on the Web.

Exciting new future hardware options will include CDMA and 10BaseT connectivity, and a keypad for 32 users.



Other features include:

- In-built clock/calendar allows optional test reports and monthly battery testing.
- Multiple built-in programming defaults selectable on power-up.
- Non-volatile time/date stamped 128-event review.
- Continuous PSTN voltage and current monitoring.
- RS232 port for programming, firmware updates and high level transfers.
- 32 User passwords/SMS numbers.
- Comprehensive GSM signal statistics kept for the previous 24 hours.
- Earthed plug-pack for increased surge protection.
- Plug-on 10Base Interface (Future Option).
- Plug-on modem to allow other modem technologies such as CDMA (Future Option).
- GSM and PSTN paths are data capable.
- Firmware is "flash" up-gradable on-site with PC/Laptop.
- Firmware fixes can be done remotely.
- Free PC Updater utility runs on any PC.
- Built in 2400 Baud PSTN modem for remote programming using a PC and modem.

"Easy to Install"

Simply wire up the alarm panel telephone line to the FE3000 and let auto programming do the rest. Additional programming and diagnostics can be done on-site with a laptop and off-site with any mobile phone using SMS commands, or with a PC and modem. Eight status lamps give detailed information on the status of the FE3000.

"Comprehensive SMS features"

With the FE3000, your mobile phone becomes a remote keypad. Use SMS for remote diagnostics, programming and turning on and off up to 8 outputs. Configure the FE3000 to convert panel alarms to SMS text messages and send them to up to 32 different mobile phones.

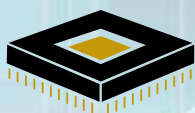


SPECIFICATIONS

Physical Dimensions	380mm x 190mm x 70mm
Shipping Weight	4kg (540mm x 210mm x 90mm)
Cabinet Type	Metal Box
Maximum Ambient	50 degrees C
Power Source	16V 1.5Amps AC via supplied plug-pack
Total Available Current	800ma @ 12 volts (Ext. load plus battery charging)
Max Ancillary Current	400ma continuous
Recommended Battery	12 volt gel type, 7 amp-hour
Typical Backup Time	24 to 48 hours (7 amp-hour battery)
Minimum Operating Voltage	11.0 volts
Low battery sense voltage	11.5 volts (typical)
Minimum PSTN Line Voltage	18 volts (on hook)
Battery Fuse	2 amp
Supply current @ 12 volts	140ma (idle)
Zone Inputs	Zones 1 to 11, EOL, Zone 12 NO
General Auxilliary Outputs	12 @ 100ma max each, open collector
Indicator Lamps	8
Panel Alarm Format	Contact ID
PSTN Port Surge Voltage	5Kv 10/700us
PSTN Earthing	Yes, thru supplied plug-pack
No. of Passwords	32
Password Length	1 to 8 characters
No. of combinations (8 chars)	200 million, million
Max. PABX Line Voltage	35 volts
Max. PABX Current	35ma
PABX Output Level	-15dBm
Max. RF Power	2 Watt (Power class 4, 91/263/EEC directive)

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BETTER IDEAS SOONER

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