Multipath iP
Intelligent Alarm Transmission Systems

T4000X Expanded Security Communicator

In addition to all the standard T4000 features, the T4000X is equipped with an additional 8 inputs and 8 outputs.

The T4000X is ideal for simple monitoring and control applications as a 'stand-alone' 4G unit.

The T4000X inputs are capable of sensing the presence of a device and will automatically enable reporting. The inputs are preprogrammed with sensible defaults that allow them to work straight 'out of the box'.

The built-in security area can be armed or disarmed from the SkyCommand app allowing simple end-user control.

By default two of the eight outputs are configured with siren and strobe functionality, creating a small 'stand-alone' alarm system.

End users can receive push notifications to their smartphone from the T4000X if they have a current SkyCommand push notification subscription.

Features

- 8 zone inputs
- 8 outputs (open collector)
- Regulated 12 volt detector power supply
- Convenient installation options
- Controllable Arm/Disarm security area
- Siren/Strobe output function
- Remote firmware update
- Fully controllable from SkyCommand app
- Contact-ID, IRFast and optional text reporting

Ordering Options

998530X
T4000X 4G Expanded Security Communicator

998530XKIT
T4000X 4G Expanded Security Communicator Includes Metal Enclosure and Plug Pack PSU

Specifications

Physical

Size:	103(L) x 99(W) x 48(D) (mm)
Weight:	250g
Mounting:	4 x M3 screws to chassis or hook and loop tape
Installation Environment:	0ºC - 50ºC @15% - 90% relative humidity (non-condensing)
Working Temperature Range:	-25ºC to +50ºC ambient unforced ventilation

T4000 Connections

Outputs:	1 Relay Output
Relay Contact Rating:	2Amp 30VDC
Inputs:	1 configurable (EOL or No-EOL)
Ethernet:	10/100 Mbps
PSTN (Phone):	RJ12
PABX (Panel):	RJ12 Contact-ID Dialer Capture
Serial:	RS-232, TTL

T4k Expander Board Connections

Outputs:	8 open-collector Output
Open-collector Rating:	100mA up to 24V
Inputs:	8 configurable zones (EOL or No-EOL)
Serial to T4000:	RS-232, TTL

LED Indicators

Status Indicators:	Power/Battery. Panel, GSM Registration
	Host (Server Online), Alarms Buffered
	GSM Modem, SIM1/2, Ethernet Status (Link/Act)

T4K Expander Board LED Indicators

Status Indicators:	Power, Comms

Alarm Communications

Alarm Formats:	Contact ID, IRFast, IRFast + Text
Encryption:	128 bit AES

Upload / Download Data Pass-Through via IP (4G/3G/Ethernet)

Panel Connection:	Dial-up Modem, Serial RS232
Modem Modulation:	Bell 103, V21, V22

PSTN / PABX

PSTN Isolation Voltage:	1500v RMS
Max PABX line Voltage:	65V RMS
Max PABX Current:	30mA
PABX Output Level:	-10dBm
Max RF Power:	2 watts

Power Specifications

Input: recommended for Battery backup)	12-24VDC, 220mA nominal (18VDC 1 Amp
Fuse:	PTC protection + on-board fuse (non-replaceable)
Charger Supply Current @ 18 volts:	110mA (Idle) + 30mA (GSM Online)
T4000 Max Output Current:	500mA
T4K Expander Max Output Current:	750mA
T4K Expander DET+ Voltage (typical):	13.8V (when supply is above 14V), 0V when supply is below 11V
Typical Battery Backup Time:	62 hours
Minimum Battery Backup Time:	32 hours
Minimum Operating Voltage:	8 volts
Low Battery Sense Voltage (Typical):	11 volts

Battery Types

Recommended Battery:	12 Volt SLA (gel) type, 7 Amp-Hour

Compliance

Electrical:	
Environmental:	RoHS

inner range