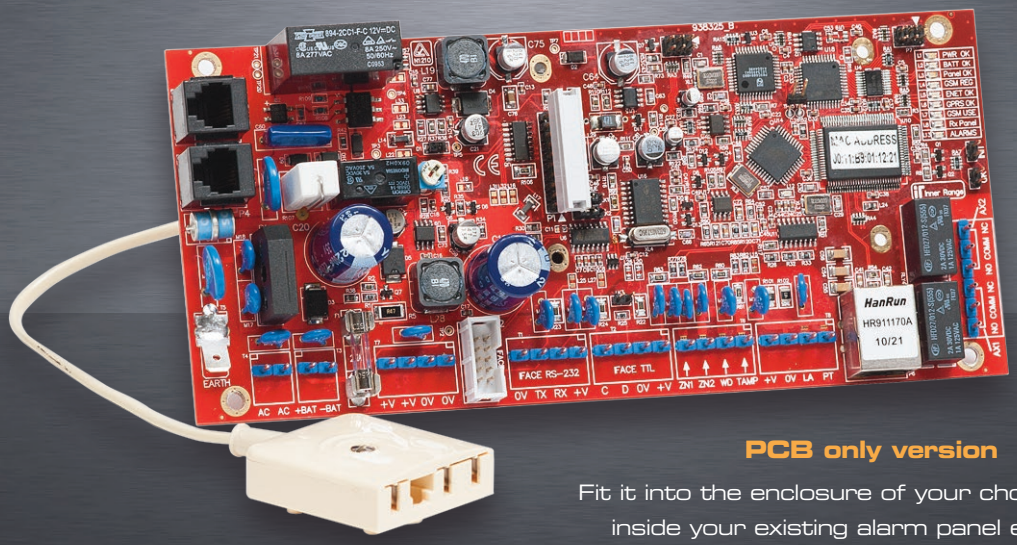
Multipath iP

Intelligent Alarm Transmission Systems

The NBN ready Transmission Solution from Inner Range

Your simple cost effective solution for IP alarm transmission

E-link



PCB only version

Fit it into the enclosure of your choice, or fit it inside your existing alarm panel enclosure

Control your security system with the SkyCommand Smart phone App

for more information visit
http://skycommand.innerrange.com

Available on the App Store

ANDROID APP ON Google play

Battery Charger On-board | Dialler Capture On-board | Full support for IRfast Remote Auxiliary Control | Zone inputs on-board TTL & RS232 | Securitel Interface 16Vac or 12Vdc Supply | High Level Interfacing to Concept with remote arming | 2 Auxiliary output relays on-board | Small form factor

www.innerrange.com

inner range

Intelligent Security Solutions

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E-link

The Multipath-IP E-Link STU is a cost effective field device used to connect any ContactID dialler or Securitel equipped alarm panel to the Multipath-IP network.

The E-Link STU has Ethernet alarm transmission capability and Securitel RS232/TTL Interfaces, allowing simple connection to the Securitel interface on many brands of alarm panels.

Features:

Fast polling – Configurable Bi-directional polling from 10 seconds to 80 seconds to meet the requirements of AS2201.5

- Ethernet Port for high-speed polling and encrypted Internet alarm transmissions
- Secure data transmission with 128 bit AES encryption
- Dialler Capture port to receive communications from any alarm panel equipped with a dialler and programmed to report ContactID
- RS-232 and TTL Serial Securitel Interfaces for "Panel to STU" connections
- App that allows the end user to control the alarm panel i.e. arm/disarm, aux control and automation

  **Available on Google Play, IOS store and web- http://skycommand.innerrange.com*
- High Level Serial Interface for Inner Range Concept Panels
- Auxiliary output for critical path fail warnings
- Relay outputs for control of external devices
- Watchdog Pulsed Zone Input
- Dedicated Cabinet Tamper Input
- 2 General Zone Inputs with EOL resistors
- 16VAC with On-board Battery Charger or 12VDC Powered

Installation Options:

- Available in a Sturdy 260x255x85mm Metal Enclosure
- Optional GPRS modem kit for upgrading E-Link to Omni-Link after purchase *(If multiple paths required)*

  Please see Omni-Link STU brochure for more information if GPRS and Ethernet is required at purchase)
- A FE3000 & MPIP Programming lead (993039) will be needed for Ethernet configuration

SPECIFICATIONS

Physical	
PCB Dimensions:	210mm(L) x 95mm(W) x 50mm(H)
Installation Environment:	0° -50°C @ 15% to 85% Relative humidity (non-condensing)
Electrical	
Power Source:	16V 1.5Amps AC or 12V DC
Total available current:	700mA @ 12 Volts (Battery charging plus Ancillary load)
Max. Battery current:	500mA continuous
Max. Ancillary current:	200mA continuous (100mA per open collector Auxiliary)
Recommended battery:	12 Volt SLA (gel) type, 7 Amp-Hour.
Typical Backup time:	Up to 11hours (7 Amp-Hour battery)
Minimum operating voltage:	10.5 Volts
Low battery sense voltage:	(typical): 11.5 Volts
Battery fuse:	2 Amps
Supply currents @ 12volts:	140mA (idle)+ 90mA/160mA (PANEL on line/PANEL Linked) +200mA to 600mA (GSM on line)
Inputs	
Zone inputs:	4 General Purpose Zone Inputs: Zone 1 default is PABX monitoring Zone 2 default is general purpose use Zone 3 default is Panel Watchdog Input Zone 4 default is Cabinet Tamper Input *All zones can be configured to use EOL resistors or Open/Close contacts* *All zones must be connected to dry contacts*
Outputs	
Relay Auxiliary outputs:	Aux1 & Aux2 2A –30VDC Fail auxiliary output (LA): 'LA' Terminal -open collector (fail = open circuit) Test auxiliary output (PT): 'PT' Terminal -open collector (test = open circuit)
Indicator lamps:	9
Alarm format:	Contact ID or IRfast
PSTN isolation voltage:	2500 V RMS
PSTN Earthing:	Yes, through AC plug-pack.
Max PABX Line voltage:	35 Volts
Max PABX current:	35 mA
PABX Output Level:	-15dBm

Ordering Options

PCB Only & Accessory Kit — 998325-PK

FE3000 & MPIP Programming Lead — 993039

2G & 3G Modem Upgrade Kit

Part Numbers	2G Part Number	3G Part Number
Single SIM	998302T#	998303T#
Dual SIM	998302TO	998303TO

Telstra Primary / Optus Backup

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