

YOUR SECURE CHOICE



CS47 LINK

GSM BACKUP UNIT FOR RUNNER™ SERIES

The CS-47 Link is a GSM add-on modem operating on the cellular phone network which connects to the Runner bus and can function as a dialer or backup dialer to the PSTN.

When an event or alarm occurs the CS47 Link reports to the central station and sends an SMS message to a cellular phone.



The following reporting media can be used simultaneously:

Reporting Media	Format
TCP/IP	CID
GPRS	CID
GSM	SMS


Electronic Engineering Ltd

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Features

- Full event reporting - for all Runner C.P. events
- Multiple formats - CID and SMS reporting formats
- Reporting up to 4 subscriber phones in each format
- GSM & GPRS communication - via GSM Quad Band 900 / 1800 MHz or 850 / 1900 MHz modem based on Siemens TC63 engine
- TCP/IP Via GPRS – Operating with CROW detected server
- Backup battery - rechargeable lead acid battery 12 V/1.3 Ah
- Tamper alarms - triggered if cover is opened or the unit is torn from the wall
- Programming the unit - using a PC via USB Port and via GPRS
- Two operating modes - backup for the control panel dialer and parallel reporting channel



Technical Specifications

Item	Specification
Radio Frequency	
Operating frequency	850MHz, 900MHz, 1800MHz, 1900MHz
Output power	Class 4 EGSM850: 2 W Class 4 EGSM900: 2 W Class 1 EGSM1800: 1 W Class 1 EGSM1900: 1 W
GPRS multi-slot class	12
Modem Type	GSM Quad-Band
Internal Antenna	Tri-Band
Communication Services	
TCP/IP	Stack access via AT commands
Internet services	TCP, UDP, HTTP, FTP, SMTP, POP3
GSM Report Modes	TCP/IP over CID GPRS over CID GSM over SMS
Interfaces	
Antenna connector	U.FL-R-SMT
SIM card	3 V, 1.8 V
Bus	Runner
Power	
Power supply – External Adaptor (Optional)	14.2V ±0.2V V DC
Battery	12 V 1.3 Ah Lead Acid
Current consumption	Standby: 100 mA Max. 200 mA
Battery charging control	Current limited 260 mA@short 1.6 A fuse protected
Input 1	Reprogrammed SMS
Input 2	Not used
Output 1	Active Low during network error (GSM fail, low RSSI)
Environmental	
Operation temperature	-10 to +50 °C
Storage temperature	-20 to +60 °C
Humidity (EN60721)	< 85 % r.h., non condensing
Approvals	R&TTE, FCC, UL, IC, GCF, PTCRB, CE, Local approvals and network operator certifications



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