ESIS
Industrial Electronics
www.esis.com.au
Ph 02 9481 7420
Fax 02 9481 7267
esis.enq@esis.com.au

FALCOM
WIRELESS COMMUNICATIONS GMBH

DR 864

Quad Band GSM/GPRS terminal

- Integrated Quad Band GSM/GPRS core
- Data, SMS and Fax
- GPRS class B, class 2 or class 10
- DIN RAIL mountable
- Software reset functionality
- Internal SIM interface
- TCP/IP connection to the internet over GPRS network
- Python programmable

The FALCOM Dinrail-864

are designed for use on any GSM network in the world. DR 864 are Quad-Band GSM/GPRS engines that work on four frequencies GSM 850 MHz, 900 MHz, DCS 1800 MHz and PCS 1900 MHz. This CE approved integrated modem constitute a self contained, fully integrated implementation of the GSM/GPRS. DR 864 feature GPRS class B, class 10 (making download at speeds up to 85 kbps) and support the GPRS coding schemes CS-1, CS-2, CS-3 and CS-4.

The DR 864 is specially designed to use in switchboard cabinets.

Technical specification

General	Physical characteristics
Quad-Band GSM/GPRS modem	Dimensions: (L x W x H)
850 / 900 / 1800 / 1900 MHz	86 mm x 65 mm x 26 mm
Compliant to GSM Phase 2/2+	Weight: 83 g
GPRS features	**Temperature range**
GPRS multi-slot class 10	Normal: -20°C to +70°C
GPRS mobile station class B	**Interfaces**
Data downlink: max. 85.6 kbps	External antenna interface
Data uplink: max: 42.8 kbps	FME
Coding schemes: CS-1, CS-2,	Serial interface RS 233
CS-3, CS-4	for AT commands
Protocols: PAP, CHAP, PBCCH	Internal and external SIM
Casing	card reader
35 mm Dinrail EN50022	
Electrical characteristics	
Power supply: 8 to 30 V DC ±5 %	
Power consumption: 13 mA in	
Sleep mode	

Note: Specifications and information given in this document are subject to change by FALCOM without notice.
For latest product information see www.falcom.de