

MC904G/MC944G

Terminal



The MC904G/MC944G data terminal supports LTE Cat 4 and integrated GNSS.

With the global module it has worldwide LTE, UMTS/HSPA+ and GSM/GPRS/EDGE coverage.

AT commands can be used to send data via SMS, FTP(S), HTTP(S) or MQTT, for example.

MC944G additionally with WLAN.

Key features & functionalities:

- IoT/M2M-optimized LTE Cat 4 data terminal
- Quectel EG25-G module integrated
- Worldwide LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage
- Powered by USB or external battery
- Watchdog integrated



4G LTE



RS232



USB 2.0



Watchdog integrated



WLAN
(only MC944G)



GPS (optional)

MC904G/MC944G Terminal

Technical Data

Model		MC904G	MC944G
Art-No.		193262	162992
General		Description	
Type	Wireless 4G LTE Cat 4 terminal	x	x
Dimensions (W x H x D)	74 x 33 x 65 mm	x	x
Weight	Approx. 110 g	x	x
Supply voltage	8 to 30 V DC	x	x
Operation temperature	-10 °C to +60 °C	x	x
Housing	Plastic	x	x
Protection class	IP20	x	x
Mounting	Tabeltop / DIN rail	x	x
Wireless module embedded	Quectel EG25-G	x	x
Mobile			
Supporting networks	LTE FDD: Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 25, 26, 28	x	x
	LTE-TDD: Bands: 38, 39, 40, 41	x	x
	WCDMA: Bands: 1, 2, 4, 5, 6, 8, 19	x	x
	WI-FI: 2.4 GHz + 5 GHz	x	x
	GSM: Bands: 2, 3, 5, 8	x	x
	GNSS: GPS, GLONASS, BDS, Galileo	x	x
Transmission rates LTE-FDD	DL/UL max. 150/50 Mbps	x	x
Transmission rates LTE-TDD	DL/UL max. 130/30 Mbps	x	x
Transmission rates DC-HSDPA	DL max. 42 Mbps	x	x
Transmission rates HSUPA	UL max. 5.76 Mbps	x	x
Transmission rates WCDMA	DL/UL max. 384/384 kbps	x	x
Transmission rates EDGE	DL/UL max. 296/236.8 kbps	x	x
Transmission rates GPRS	GPRS DL/UL max. 107/85.6 kbps	x	x
Interfaces			
Power	RJ12	x	x
RS232	Sub-D	x	x
USB	2.0 Type B	x	x
WLAN	IEEE 802.11 a/b/g/n/ac	-	x
Antenna	SMA (female)	x	x
SIM-Card Holder/Reader	Mini SIM (lockable)	x	x
Other properties			
Protocols	TCP, UDP, PPP, FTP, HTTP, NTP, PING, QMI, NITZ, SMTP, MQTT, CMUX, HTTPS, FTPS, SMTPS, SSL, MMS, FILE	x	x
Accessories		Art.-No.	
Mounting Kit	for DIN rail		100901
Data cable RS232	9 pin plug / 9 pin jack, 1,5 m		100891
Power Supply	12 V DC with RJ12		100910
Power adapter	RJ12, open end, approx. 1,5 m		160571
USB cable	A/B, 1 m		100897
USB cable	A/B, 1,8 m		100898
Portable antenna	GSM/UMTS/LTE, 50 mm, SMA (male)		101188
Portable antenna	GSM/UMTS/LTE/WLAN, 2 dBi, SMA (male)		101292
Magnetic base antenna	GSM/UMTS/LTE, 2 dBi, 2,5 m RG174, SMA (male)		101057

Mistakes and changes are reserved.