Huawei Technologies (UK) Co., LTD

HUAWEI EM770W

General features

• chipset : MSM6290
•Quad-Band WCDMA/HSDPA/HSUPA
2100/1900/900/850 MHz
• Quad-Band GSM/GPRS/EDGE
850/900/1800/1900 MHz
• GPRS/EDGE: Multi-slot Class 12, Class B
• Max. transmitter power
WCDMA/HSDPA 2100/1900/900/850MHz:
+24dBm (Power Class 3)
GSM/GPRS 850M/900MHz: +33dBm (Power Class 4)
GSM/GPRS 1800MHz/1900MHz:
+30dBm (Power Class 1)
EDGE 850M/900MHz: +27dBm (Power Class E2)
EDGE 1800MHz/1900MHz: +26dBm (Power Class E2)
• Control via AT commands
3GPP TS 27.007 and TS 27.005
Huawei extended AT command
• Supply voltage range
3.3 V±9 %(3.3 V is recommended)
• Power consumption
Idle :100mA (WCDMA 2100MHZ DRX=8)
Suspend :5mA (WCDMA 2100MHZ DRX=8)
Temperature range
Normal Operation: -10 to 55° C
Extended Operation: -20 to 65° C
Storage: -40 to 85° C
• Humidity: 5%~ 95%
• Dimensions: 51 x 30 x 4.7 mm
• Weight: <12g

Other features

• Standalone-GPS and A-GPS

Data features

•GSM CS: UL 9.6kbps/DL 9.6kbps
•GPRS/EDGE: Multi-slot Class 12, Class B
•WCDMA CS: UL 64kbps/DL 64kbps
•WCDMA PS: UL 384kbps/DL 384kbps
•UL/DL HSDPA: UL 5.76Mbps/DL 7.2Mbps

SMS features

•Supporting SMS based on CS domain of GSM or WCDMA
•Supporting SMS based on PS domain of WCDMA or EDGE or GPRS

Interfaces

• Antenna interface
Use Hirose U.FL-R-SMT connector
• PCI Express Mini Card version 1.2

Approvals & Certifications

• CE
• IC
• SGS
• GCF
• FCC
• PTCRB
• RoHS Compliant



Note:
Please refer to the latest version of *Hardware Guide* about the specifications. Huawei reserves the right to make changes or improvements to any to the products without prior notice.

HUAWEI TECHNOLOGIES CO., LTD. **www.huawei.com**