

# EM710

## Industrial Grade USB Dongle



The Huawei EM710 USB dongle provides Long-Term Evolution (LTE) network access for enterprise users. With the EM710's powerful data capacity, users can perform mobile office work using PCs or other devices that have USB interfaces.

Users connect the EM710 to a PC through a USB interface, and the EM710 accesses an LTE network for users to log in to enterprise office-automation and email systems, browse web pages, and download data. Users can also connect the EM710 to a device that has a USB interface and runs Microsoft Windows XP/VISTA/7 OS.

### Highlights

- Maximum transmission rate: DL 100 Mbit/s, UL 50 Mbit/s
- Enables Internet access, data uploading and downloading
- Frequency band: 1.4G/1.8G
- Supports MIMO and 64 QAM
- Working temperature: -20°C to +70°C
- Supports WINXP/WIN7/VISTA, automatic installation



## Specifications

Hardware Technical Specifications	
Supported frequency band	1.8G: 1,785 to 1,805 MHz 1.4G: 1,447 to 1,467 MHz
Power level	1.8G: 23 ±2 dBm 1.4G: 23 ±2 dBm
Bandwidth	1.8G: 5 MHz/10 MHz/20 MHz 1.4G: 5 MHz/10 MHz/20 MHz
Sensitivity	5 MHz: -100 dBm 10 MHz: -97 dBm 20 MHz: -94 dBm
UE capability	Cat 4
Modulation	QPSK, 16QAM, 64QAM uplink QPSK, 16QAM, 64QAM downlink
Dimensions (L x W x D)	85 mm x 43 mm x 10 mm
Weight	45g
Power supply	USB 5V
Power consumption	Average power consumption: 4.53W
Interface	Mini USB 2.0
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +70°C
Humidity requirement	Relative humidity: 5% to 95% ( noncondensing )
Indicators	Blue LED
SIM type	Soft SIM
Safety requirement	Meets EN60950: 2001
SAR	CE: EN62311, EN62209-2 FCC: IEEE C95.1
EMC	EN55022 Class B Compliance Contact discharge: Min 6 kV, Ref 8 kV Air discharge 12 kV, Ref 15 kV
Certification	China radio transmission equipment Type Approval ( CTA ) CE certified RoHS