

Multi-Interface LTE/ WiMAX Gateway






URoad-FEC100 is a multi interface IoT CPE which supports both LTE and WiMAX. Compact size of URoad-FEC100 is easy to be installed to any place, and it also can be applied to various fields by providing multi-interfaces of Wi-Fi/Ethernet/USB/UART/Z-Wave.

URoad-FEC100

Key Benefits




 LTE (CAT.4) : 150Mbps
 WiMAX Wave2 : 40Mbps

 WiFi(b/g/n) : 300Mbps

 Ethernet : Ethernet x 2

 USB : USB2.0

 UART: RS-232

 Emergency Battery

Specifications

Item		Descriptions
LTE/WiMAX		
Standard		3GPP E-UTRA Release 9(LTE) / IEEE802.16e Mobile WiMAX Wave2(WiMAX)
Frequency	LTE	Band 3 (1.8GHz)
	WiMAX	2.3 ~ 2.4GHz
Data Speed (Downlink/Uplink)		Up to150/50Mbps(LTE), Up to40/12Mbps(WiMAX)
Tx Power		23dBm
RF Path		2Rx 1Tx MIMO
LAN / PAN		
Ethernet		10/100 Base-T ×2port
WLAN	Standard	IEEE 802.11 b/g/n
	Max. Connected devices	IEEE 802.11 b/g/n
	Antennas	2Tx 2Rx MIMO
	Encryption method	WPAPSK / WAP2PSK
	Encryption	TKIP / AES / TKIPAES
Physical Specifications		
Interface		Ethernet×2(10/100 Base-T) / micro SIM slot(3FF) / Power(5Ø Barrel Type) LTE, WiMAX Antenna Port × 2 / WiFi Antenna Port × 2
Buttons		Power / Reset
Power		12V / 2A
Indicator		Power / Signal Strength / Network / WiFi
Dimensions		124.8 × 100.9 × 31.8mm
Weight		260g
Software		
OS		Linux
Management		Web based user interface
Protocols		TCP/UDP over IP
NAT		NAT(NAPT) / VPN pass through
Software update		Supports local/Remote update
Environmental		
Operating Temp.		-20℃ ~ +50℃
Operating Humidity		10% ~ 90% (Non-condensing)