

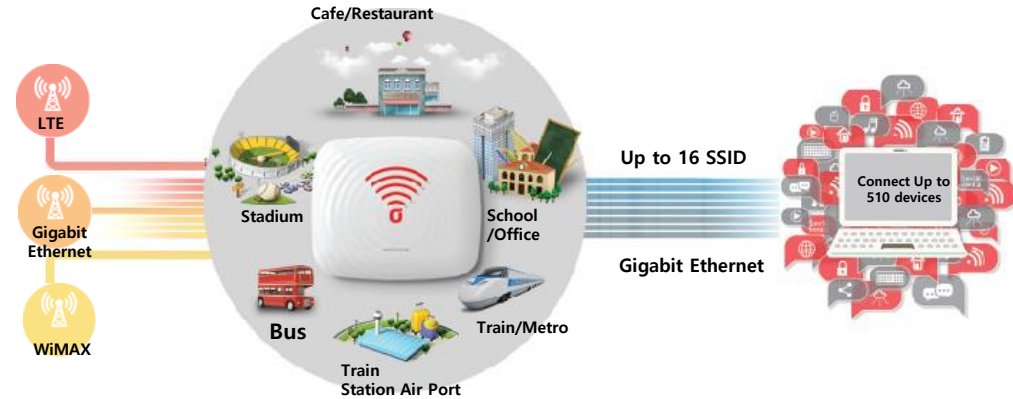
Ultimate Performance LTE/WiMAX Gateway



URoad-FEC200 is high-performance premium CPE that supports maximum downlink speed of 1Gbps(wired) and 300Mbps(wireless). It is able to connect up to 510 devices by Wi-Fi, and provides high speed data communication for environments that is required multiple access simultaneously such as subway or bus.

URoad-FEC200

Key Benefits



LTE (CAT.6) 300Mbps



2Gbps WiFi Speed



Connect up to 510 devices



Gigabit Ethernet



4 X 4 WiFi MU-MIMO



Beamforming Reliable Connections



Emergency Battery

Specifications

Item		Descriptions
LTE/WiMAX		
Standard		3GPP E-UTRA Release 10(LTE) / IEEE802.16e Mobile WiMAX Wave 2(WiMAX)
Frequency	LTE	Band 1(2.1GHz) / band 3(1.8GHz) / Band 8(900MHz)
	WiMAX	2.3 ~ 2.4GHz
Data Speed (Downlink/Uplink)		Up to 300/50Mbps(LTE) / Up to40/12Mbps(WiMAX)
Tx Power		23dBm
RF Path		2Rx 1Tx MIMO
LAN		
Ethernet		Ethernet(10/100/1000 Base-T)
WLAN	Max. Connected devices	IEEE 802.11a/b/g/n/ac (Wave2)
	Antennas	2.4GHz/5GHz Simultaneously stream
	Encryption method	Up to510 devices
	Encryption	2Rx 2Tx MIMO(2.4GHz) / 4Rx 4Tx MIMO(5GHz)
	SSID	Up to 16 SSID
Encryption method		WPAPSK, WPA2PSK(Personal) / WPAPSK, WPA2PSK(Enterprise)
Physical Specifications		
Interface		Gigabit Ethernet×1 / micro SIM (3FF) Slot / Power (5Ø Barrel Type) LTE, WiMAX Antenna port × 2 / WiFi Antenna port × 4
Buttons		Power / Reset
Power		12V / 2A
Indicator		Power / LTE Signal / WiMAX Signal / 2.4GHz WiFi / 5GHz WiFi
Dimensions		172 × 147 × 26.5mm
Weight		460g
Software		
OS		Linux
Management		Web based user interface
Protocols		TCP/UDP over IPv4/IPv6
NAT		NAT / VPN pass through
Software update		Supports local/Remote update
Authentication		802.1x connection session control
		EAP-MD5 / EAP-TTLS / EAP-TLS / EAP-AKA / EAP-SIM / PEAP Web Redirection / MAC address / IP, Password / Dynamic Authentication
Environmental		
Operating Temp.		-20℃ ~ +50℃
Operating Humidity		10% ~ 90%