

EG860

Industrial Grade CPE

The EG860 is a Long-Term Evolution (LTE) wireless Customer Premises Equipment (CPE) device for enterprise networks. This compact unit features centralized fault detection and recovery along with remote management for easy deployment of current and future broadband resources. Serving as a wireless gateway for high-speed data services, the EG860 complies with LTE 3GPP standards. The unit incorporates a built-in antenna in an anti-lightning, shockproof, dustproof, and waterproof enclosure for withstanding harsh environments.



Highlights

- **High Performance**

The EG860 supports multiple uplink to downlink ratio configurations, including 3:1 for streaming data-intensive uplink services such as video surveillance and data collection.

- **Strong Protection**

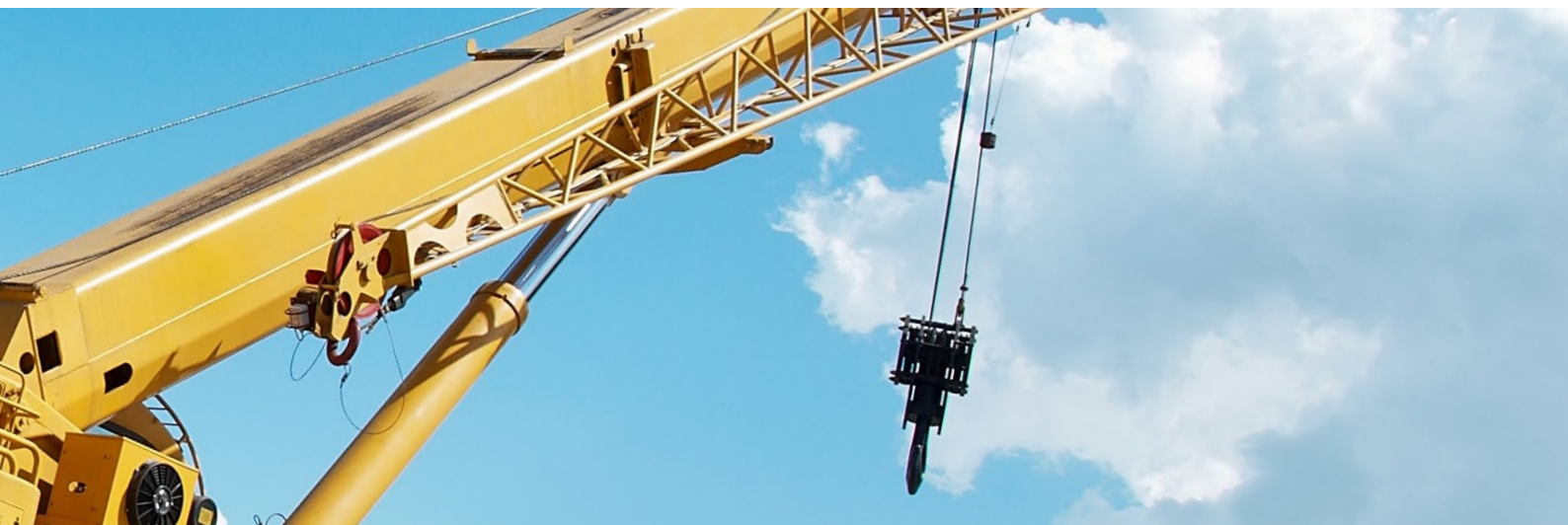
The EG860 is built to withstand extreme weather conditions and meet industry requirements for protection from shock, water, dust, and lightning.

- **Easy Maintenance**

The EG860 supports a web-based Graphical User Interface (GUI) for remote management and maintenance, while LED indicators enable on-site status checks. The remote management features simplify deployment of current and future broadband resources as well as centralized fault detection and recovery.

- **Multi-Frequency**

The eA660/EG860 has a built-in DHCP server and provides DNS client and Network Address Translation (NAT) services for flexible networking options. The EG860 offers a wide range of licensed and unlicensed mobile access frequencies (400M/800M/1.4G/1.8G/2.3 GHz) to accommodate existing broadband resources.



Specifications

Radio Specifications	
Technical standards	WAN: LTE 3GPP Release 9 LAN: IEEE 802.3/802.3u WLAN: Wi-Fi 802.11b/g/n
UE capability level	Category 4
LTE Operating Bands	LTE-TDD 400M: 380 MHz to 470 MHz LTE-TDD 1.4G: 1447 MHz to 1467 MHz LTE-TDD 1.8G: 1785 MHz to 1805 MHz LTE-FDD 800M: 832 MHz to 862 MHz Uplink 791 MHz to 821 MHz Downlink
WLAN Operating Bands	2.4G: 2.401 GHz to 2.483 GHz
Working bandwidth	400 M: 3 MHz/5 MHz/10 MHz/20 MHz 800 M: 5 MHz/10 MHz/20 MHz 1.4 G: 5 MHz/10 MHz/20 MHz 1.8 G: 5 MHz/10 MHz/20 MHz

Physical Specifications	
Dimensions (H x W x D)	240mm × 200 mm × 60 mm
Weight	2000 g
Power consumption	≤ 30 W
Power supply	PoE, 24V DC
External ports	1 Ethernet port (RJ45) 2 External antenna port (N) 1 SIM card slot (supports software SIM card)
Installation mode	Gin pole / wall mounted

Environment Specifications	
Protection level	IP65
Anti-shock capabilities	ETS 300 019-1-5 class 5M3
Working temperature	-40°C to 60°C
Storage temperature	-40°C to 70°C
Relative humidity	5% RH to 95% RH