



MOI5702

5G Outdoor CPE

Key Features

-  Unisoc UDX710 single chip solution
-  5G NR and LTE-A CAT12 dual mode
-  Support both SA and NSA
-  support Europe/Asia 5G NR bands
-  Support POE power supply, comply to 802.3at/af
-  Support Web, TR069, APN and MQTT based device management
-  IP65 water and dust proof
-  Built-in high-gain antennas

Enjoy the Gigabit era with 5G technology

MOI5702 Outdoor CPE supports multiple 4G/5G frequency bands and delivers ultra-high-speed connectivity. Equipped with built-in high-gain directional antennas, it enhances signal strength and expands coverage range. With up to IP65-rated protection—waterproof, shock-resistant, and lightning-protected—it ensures reliable wireless communication performance across diverse outdoor environments.



Office



Business



Home

Hardware Specifications

Chipset	Unisoc UDX710	
5G Mode	Support SA/NSA	
Category	Rel-15/Sub6 5G DL Cat 12/UL Cat 13	
Cellular Bands * Pls contact technical team for final band customization	5G NR	n1/n3/n5/(n71)/n7/n8/n20/n28/n38/n40/n41/n66/n77/n78
	LTE	FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 TDD: B38/B40/B41
	WCDMA	B1/B2/B5/B8
External port	1 x 2.5G Ethernet port 1 x SIM Slot (2FF) 1 x Reset	
LED Indicators	1 x Power indicator 1 x Network status indicator 1 x Tri-color Signal strength indicators 1 x SIM status indicator	
Antenna port	4 x Built-in LTE/NR Antenna	
Carrier Aggregation & MIMO	DL 4 × 4 MIMO: n1/n3/n7/n28/n38/n40/n41/n66/n77/n78	
	DL 2 × 2 MIMO: n5/n8/n20	
	UL 2 × 2 MIMO: n38/n40/n41/n77/n78	

Hardware Specifications

Maximum transmission power	5G NR bands: Class 3 (23 dBm \pm 2 dB) 5G NR HPUE 2 bands (n41/n77/n78): Class 2 (26 dBm +2/-3 dB) LTE bands: Class 3 (23 dBm \pm 2 dB) WCDMA bands: Class 3 (23 dBm \pm 2 dB)
Maximum transmit throughput (theoretical value)	Downlink 5G NR SA: 2Gbps 5G NR NSA: 2.6Gbps 4G LTE: 600Mbps WCDMA: 42Mbps
	Uplink 5G NR SA Sub6: 1Gbps 5G NR NSA Sub6: 650Mbps 4G LTE: 150Mbps WCDMA: 11Mbps
Power supply	DC 20~58V, 24V default
Power consumption	< 24W
Dimensions	250mm x 168mm x 59mm
Weight	< 1500g
IP rating	IP65
Temperature	Working temperature: -30°C to 70°C Storage temperature: -40°C to 80°C
Humidity	Operation humidity: 5% - 95% (non-condensing) Storage humidity: 5% - 95% (non-condensing)

Software Specifications

Support System	Windows (Win7/Win8/Win10) Mac (Mac OS 10.10 or above) Linux Chrome OS
Language	English
WAN	Multi-APN support, maximum four IPv4/v6 dual stack
LAN	DHCP Server DNS and DNS proxy DMZ
Management	TR069 Web UI Software upgrade via Web UI/TR069/FOTA USIM PIN management APN management Operating frequency band selection MQTT management
VPN and Routing	PPTP (Client Mode only) L2TPv2 (Client Mode only) NAT/Bridge Mode Port Mirror and Port Forwarding IPV4/IPV6 Dual Stack
Security	Firewall MAC Address Filtering IP Address Filtering Access Control HTTPS Login from WAN DoS attack protection Two level of user authority
Reliability	Watchdog Auto rollback to previous version when upgrade fails

Certification and Environment Compliance

Certification Compliance <i>(*Available on a customer demand basis)</i>	CE* FCC* RoHS* REACH* WEEE*
Environment Compliance	Cold: IEC 60068-2-1 Dry heat: IEC 60068-2-2 Damp heat cyclic: IEC 60068-2-30 Change of temperature: IEC 60068-2-14 Shock: IEC60068-2-27 Free Fall: IEC60068-2-32 Vibration: IEC60068-2-6