

GD50X/GD60X

LTE Indoor/Outdoor CPE

- High-speed wireless transmission
- High reliability: uses software watchdog and hardware watchdog for dual-protection
- High security: supports VPN functions
- Versatility: provides various basic functions
- Efficient use: provides traffic management technology and intelligent bandwidth distribution technology
- Ease of maintenance: supports automatic remote software upgrade
- High adaptability, IP66 protection



Specifications

Hardware	
Protocol	LTE: 3GPP WiFi: IEEE 802.11b/g/n, 300Mbps
Frequency	GD500/GD600: TDD 1.4G/1.8G GD504/GD604: TDD 400M GD506/GD606: TDD 600M Wi-Fi: 2.4G: 2401–2483MHz
LTE Bandwidth	1.4MHz/3MHz/5MHz/10MHz/15MHz/20MHz
Tx Power	LTE: 23±2dBm Wi-Fi: 17±2dBm
Antenna	External antenna, standard configuration,3dBi isotropic
Ethernet Interface	10/100M auto-sensing Quantity:5 (GD50X)/1 (GD60X)
Port	1xRS232, 1x RS485 (GD50X)
Storage interface	1x External Mini SD card (GD50X)
Dimensions (WxHxD)	233mmx26mmx113mm (GD50X) 270mmx270mmx67mm (GD60X)
Weight	760g (GH50X) 3.2Kg (GD60X)
Power supply	Φ2.1power plug, DC9–24V (GD50X) Ethernet power supply, DC9-24 V (GD60X)
Installation mode	Rail mounted/rack-mounted/wall-mounted (GD50X) Pole-mounted (GD60X)
Power consumption	≤6W
Operating temperature	Operating temperature: -25°C to 60°C (GD50X)/-40°C to 60°C (GD60X) Storage temperature: -40°C to 85°C (GD50X/GD60X)
Operating humidity	5%–95% No condensation
Dust and Water Resistance	IP31 (GD50X)/IP66 (GD60X)

VPN Functions	
PPTP/L2TP/GRE	
IPSec	Supports the certificate and pre-shared key Supports the NAT function Supports the DPD function Supports the AES,DES, 3DES Supports MD5-HMAC and SHA1-HMAC Interconnects to the devices of the mainstream VPN manufactures

Network Functions	
Supports DDNS	
Supports the NAT, Multiple Host & Multiple APN functions	
Supports the DHCP server	
Supports the MAC address binding function	
Supports the DMZ	
Supports the interface mapping function	
Support VLAN (GD50X)	

Basic Functions	
Configures the remote EMS software and browser	
Supports the log record function of the local machine and log server	
Supports Web upgrade, unified network management upgrade, SD card upgrade (GD50X), remote upgrade (GD60X)	
Supports CLI debugging	
Supports SIM and USIM card	
Supports the real-time status display/rate chart (GD50X)	
Supports the network clock synchronization function	
Restores to the factory settings through the external reset button or software	
Supports PLMN selection and cell selection. Scan mode is used for the cell selection. CPE can only connect to dedicated cell when cell lock	
Supports the configuration import and exp	
Supports for QoS of GBR and Non-GBR Services	
LTE link keep-alive function	Provides the ICMP heartbeat detection function Provides automatic repair technology after disconnection
Supports EMS software	Supports the SNMP protocol and the TR069 protocol or customizes EMS software
Network status monitoring	Monitors the network status, VPN status,and network service signal quality through the Web
Firewall	Configures multiple firewall filtering rules to filter the designated IP addresses or interfaces
Route management	Configures dynamic routes and adds multiple route entries

General Disclaimer: the specifications in this document are in accordance with the applicable standard test. Due to the continuous technology development, Caltta may change the specifications without timely notice.