FRACARRO

WAP6-2GE-CM-HD
287773

WiFi

Access Point

The WAP6-2GE-CM-HD access point, thanks to its ability to handle high link density, is ideal for use in businesses, campuses, hospitals, hotels, and smart buildings; its design makes it ideal for visible installations.
Wi-Fi 6, supports 802.11a/b/g/n/ac/wave2/ax protocols with 1800Mbps bandwidth.
The built-in high-power omnidirectional MIMO aerial meets the wireless coverage needs of the environments to be served. It also supports both PoE and external power supply.

Technical Chars

- Wi-Fi 6
- 1800Mbps band
- High Density: max 128 users
- PoE power supply or external adaptor
- Built-in 2x2 omnidirectional MIMO aerials
- Compatible with 802.11a/b/g/n/ac/wave2/ax standard
- Supports both wired and wireless QoS capabilities
- Coverage: up to 200 square meters

carinitial		
Code		287773
Specifications		
Remote feeding		PoE 802.3at or 12V DC
Installation type		Wall mounted
LAN ports		1 x 10/100/1000M WAN with PoE support 1 x 10/100/1000M LAN - RJ45 connectors
USB interface		1 x USB 2.0 1 x USB 3.0
MTBF	h	250000
User number		Up to 128 per band
Status LED		Power supply, operation, error
Protection		IP41

WAP6-2GE-CM-HD

Data sheet

Wifi Section		
Working mode		Routing and Bridging
Standard compatibility		802.11a/b/g/n/ac/wave2/ax
Bitrate		2.4G: 2x2 11ax 575Mbps 5G: 2x2 11ax 1200Mbps
2.4GHz frequency range	GHz	2.400 - 2.483
5GHz frequency range	GHz	5.725-5.850/5.15-5.35
Aerials specs		2x2 MIMO, integrated omnidirectional 3dBi aerials, up to 1800Mbps
Encryption		AES, WPA3
SSID support		Multiple
Specifications		
Current consumption	W	<15W
Operating temperature	°C	-10 to +40
Storage temperature	°C	-40 to +70
Relative humidity	%	From 10 to 95 (in the absence of condensation)
Dimensions and packaging		
Packing		Single
Product dimensions	mm	168 x 168 x 32
Weight	Kg	0.420

Functions

Management

WIRELESS MANAGEMENT SUPPORTS:

- Local AC/web management
- Option43
- DNS to discover AC
- Layer 2 and Layer 3 networking of AC and AP
- Cross-NAT of AC and AP
- Layer 2 and Layer 3 user roaming
- Clock, version and configuration synchronization of AC and AP.

USER AUTHENTICATION SUPPORTS:

- Multiple authentication methods such as local account and voucher
- User black and white lists
- Account based access period control and bandwidth control

QoS

- 802.11e/WMM
- Global trac rate limit
- AP-based, VLAN based, User-based trac rate limit
- Frequency-based, APbased flow load balancing

Wireless

ADVANCED Wi-Fi FEATURES:
- Automatic channel/bandwidth/power selection
- Load balancing
- 802.11k/802.11v/802.11r
- AP steering, band steering

POWER SAVING:
- Green AP mode
- Dynamic MIMO power saving

WIRELESS ACCESS SUPPORTS:
- Multiple SSID management and SSID hiding
- No SSID, VLAN binding function
- SSID-based user limit and isolation
- Country code setting

PRIORITY:
- Ethernet port 802.1P identification and marking
- Mapping from wireless priorities to wired priorities

Security

- PSK authentication
- Supports WEP, WPA, WPA2, WPA3 wireless encryption
- IP-based, MAC-based filtration
- DDoS, De-Auth anti-attack
- Rogue AP detection
- SSID- VLAN binding