



CPE-2412T-26

802.11b/g Outdoor Radio CPE

- ✚ 802.11 b/g CPE, Realtek Solution
- ✚ WLAN AP, Client, WDS, AP+WDS, and Repeater modes
- ✚ Option for built-in N female connector for higher gain antenna
- ✚ Weather proof UV resistant enclosure with 12dBi antenna
- ✚ QoS , WMM, and Auto IP addresses Assignment

CPE-2412T-26 outdoor CPE is an 802.11b/g low cost device for wireless solution. The device with integrated 12dBi patch antenna and option for N-Type female antenna connector for higher gain antenna offers a cost-effective solution for hotspot to make Point-to-Point and Point to Multi-Point applications.

All-in-One Device with Integrated 12 dBi Antenna and Option for N-Female Connector

CPE-2412T-26 is an all-in-one device with integrated Power Over Ethernet (PoE), 12dBi patch antenna, and the special designed waterproof cap for Ethernet RJ-45 connector to access long distance of network without extra power adapter and extra booster to enlarge the output power. Option for built-in N-Female connector provides higher gain or type of antenna on your request. A complete package with a DC injector, DC Power adapter, waterproof cap, and standard pole mount kit are included.

802.11B/G

The CPE-2412T-26 complies with IEEE802.11b/g 2.4GHz specifications. Through the Web management interface, you can run in Client, AP, Bridge, or WDS function. A multiples security functions including 64/128 bit WEP, WPA, Port filtering, IP filtering, MAC filtering, Port forwarding and DMZ Hosting to prevent unauthorized access are in protected. The QoS settings provide different levels of quality to different types of network traffic with WMM stands to improve audio, video and voice applications. The VPN function can be used to communicate many branch offices. The unique ACK timeout value can be adjusted according to distance to ensure optimal throughput at various distances.

Option for 12V or 48V Switch Power, and built-in N-Female Connector

CPE-2412T-26 provides option for either 12V or 48V Switch Power, and built-in N-Female Connector.

Model	Switch Power	Built-in Antenna	N-Female Connector
CPE-2412T-26 (12V)	12V	12dBi	No
CPE-A2412T-26N (12V)	12V	12dBi	Yes
CPE-2412T-26 (48V)	48V	12dBi	No
CPE-2412T-26N (48V)	48V	12dBi	Yes

TraNet Technologies Corp

6F-3, No.20, Lane 609, Sec. 5, Chung Hsin Rd.,
San Chung City, Taipei Hsien 241, Taiwan

www.aristar.com.tw

Accessories



PoE DC Injector



12V Switch Power

OR



48V Switch Power



Mount Kits

Specification

Interfaces

- 10/100Mbps auto crossover Ethernet WAN Port (RJ45)
(For connecting to 3rd party network device)
- Option for built-in N-Type female connector

Standard

- IEEE802.11b
- IEEE802.11g
- IEEE802.3
- IEEE802.3u

Frequency Band

- FCC : 2.412-2.462 GHz (1-11 channels)
- Europe (ETSI) : 2.412-2.472 GHz (1-13 channels)
- Japan : 2.412-2.482 GHz (1-14 channels)
- France : 2.457-2.472 GHz (10-14 channels)

Modulation Technology

- 802.11b: Direct Sequence Spread Spectrum (PCCC, CCK, DQPSK, DBPSK)
- 802.11g: Orthogonal frequency division multiplexing

Data Rate

- 802.11b: 11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps
- 802.11g: 54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps

Transmit Power

- RF output power: <23 dBm (max.) @ 802.11g/54Mbps
- RF output power: <26 dBm(max.) @802.11b/11Mbps

Sensitivity

- -80 dBm (11Mbps), -68 dBm(54Mbps)

Operation Modes

- Client Router, AP Router, AP Bridge PtP and WDS Modes

Security

- 64bit/128 bit WEP, WPA, WPA2, IEEE802.1x Authentication, port filtering, IP filtering, MAC filtering, port forwarding, DMZ hosting, and WPA (WiFi Protected Access)

Firmware

- Web-Based Management Tool
- Firmware upgrade via HTTP browser
- Watch Dog Timer to warm boot up system
- RADIUS server support
- QoS
- Dos (Denial of Service)
- Site Survey

Antenna Type

- Integrated 12 dBi flat panel antenna
- Horizontal / Vertical

Dimension & Weight

- 165*150*75mm (0.7KG)

Environment

- Operating Temperature: -30 ~ +70°C
- Humidity: C95%@55°C

Enclosure

- IP65 UV resistant weatherproof enclosure

Power Adapter

- 100-240V(50-60Hz) universal AC adapter (DC 12V or 48V)
- Power over Ethernet DC injector included

Mounting

- Pole Mounting