



WiFi6 802.11ax Dual/Tri-Radio High Power Indoor PoE Bridge/AP

CERIO's CW-500 Series PoE Bridge/AP using the new generation of WiFi6 (802.11ax) Quad-core 1.8Ghz high-computing processing chip with the latest MU-MIMO and OFDMA technology provides higher efficiency and transmission speed. The hardware using a wireless amplifier chip, which enhances the signal distance capability and stability. It's built-in 2x2 5dBi antennas to achieve high-speed transmission and reception for wireless MU-MIMO. It bundles CentOS 5.0 software core and supports CAP mode for centralized AP management. It can **manage up to 64 wireless APs** simultaneously. It's the best solution for deployment in enterprises, factories, conference rooms, schools, and WISP applications.

Ceiling/Wall PoE Access Point

WiFi6 11ax (AX1800/AX4200)

2 Ethernet PoE Ports

Latest IEEE802.11r/k wireless fast roaming technology



CERIO Mobile Wireless Network

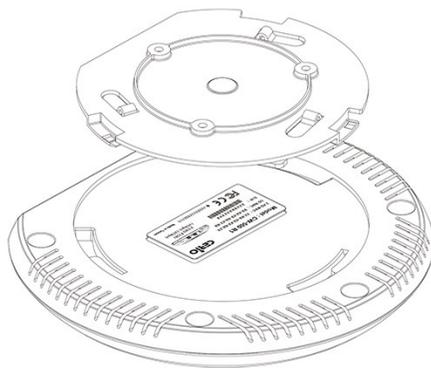
www.cerio.com.tw

- 2.4GHz supports 802.11bgn/ax 2TX/2RX with a max transmission rate of 574Mbps.
- 5GHz supports 802.11an/ac/ax 2TX/2RX with a max transmission rate of 1200Mbps.
- 5GHz supports 802.11an/ac/ax 2TX/2RX with a max transmission rate of 2400Mbps.
- Supports **300mW at 2.4GHz and 5GHz** Output eXtreme High Power design.
- Supports the latest 11ax Low-Density Parity-Check (LDPC) function, which can efficiently perform error correction and supports Space-Time Block Coding (STBC), Transmit Beamforming (TxBF), which can enhance signal coverage and improve wireless transmission performance.
- Supports **two Ethernet port with PoE standard allows PoE power and data transmission** through Cat5e cabling. It also supports a **DC input of DC12~56V power adapter**.
- **Operation Modes** : Including Access Point Mode(AP Mode), Control Access Point Mode(CAP Mode), Client Bridge Mode, WISP Mode and Router Mode.
- Easily placed on the desktop or installed on the wall or ceiling.

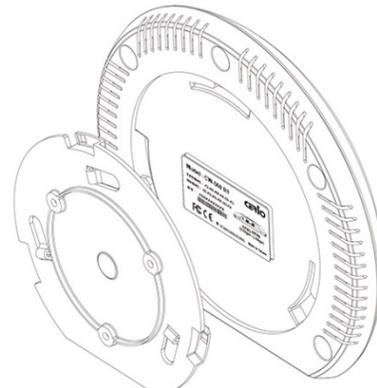


WiFi6 802.11ax High Power Indoor PoE Bridge/AP		
Model No	CW-500 (R1)	CR-500 (R3)
CPU	Quad-core 1.8Ghz	Quad-core 1.8Ghz
Transmission Rate	AX1800 (574Mbps+1200Mbps)	AX4200 (574Mbps+1200Mbps+2400Mbps)
WiFi Radio	Dual-radio (2.4GHz + 5GHz)	Tri-radio (2.4GHz + 5GHz-1 + 5GHz-2)
Output Power	300mW	300mW
Ethernet	Two 1G Ethernet ports (PoE In)	One 1G Ethernet port (PoE In) One 2.5GEthernet port (PoE In) <i>(The corresponding rate port can be configured according to the environment's uplink architecture to select PoE input.)</i>
Power Input	IEEE 802.3at 52~57V PoE In or DC Jack 12~56 VDC In	IEEE 802.3at 52~57V PoE In or DC Jack 12~56 VDC In
Antenna	Built-in dual-band 4 sets (2.4G/5G 2x2 5dBi) Omni antenna	Built-in tri-band 6 sets (2.4G/5G/5G 2x2 5dBi) Omni antenna
Operation Modes	Access Point Mode(AP Mode) Control Access Point Mode(CAP Mode) Client Bridge Mode WISP Mode	Access Point Mode(AP Mode) Control Access Point Mode(CAP Mode) Client Bridge Mode WISP Mode Router Mode

■ Ceiling Mounting



■ Wall Mounting



For more detailed product information, please visit our official [CERIO website](#), [Facebook](#), or contact our international sales team at issales@cerio.com.tw.

More detailed information :
• [Indoor AP/Bridge](#)

