



WEP-200L

Wi-Fi Access Points

- Dual band access point
- Support for 802.11ac
- Radio interface 2.4 GHz with MIMO 2×2 support
- Radio interface 5 GHz with MIMO 4×4 support
- PoE power supply (IEEE 802.3af-2003)
- Up-to-date authentication and encryption means

Solution for Enterprises

WEP-200L provides easy and secure access to a high-speed wireless network that combines many of the features and services required by corporate clients. WEP-200L will become a universal solution for organizing a wireless network with a large number of users and high traffic (office, government agencies, conference rooms, laboratories, hotels, etc.).

Wireless Connection

Due to support for IEEE 802.11n/ac standard, the WEP-200L access point provides up to 300 Mbps (2.4 GHz) and up to 1733 Mbps (5 GHz) data rates. The use of MIMO technology and embedded omni-directional antennas makes WEP-200L a universal solution for corporate networks construction.

Security

WEP-200L uses up-to-date authentication and encryption technologies, that provide personal data protection and environment security of the corporate network. In particular, an individual dynamic key is used for each subscriber device working with WEP-200L.

Performance

To ensure stable and continuous operation of the device, the high-performance processors are used to achieve high data processing rates.

Interfaces

- 1 port of 10/100/1000BASE-T (RJ-45) with PoE support
- Wi-Fi 2.4 GHz IEEE 802.11b/g/n
- Wi-Fi 5 GHz IEEE 802.11a/n/ac

WLAN Capabilities

- Support for IEEE 802.11a/b/g/n/ac
- Data aggregation, including A-MPDU (Tx/Rx) and A-MSDU (Rx)
- WMM-based packet priorities and planning
- Dynamic frequency selection (DFS)
- Support for hidden SSID
- 8 virtual access points
- Detection of access points from other vendors
- Spectrum analyzer
- WDS support
- APSD

Network Features

- Automatic speed negotiation, duplex mode negotiation and MDI-MDI-X switch-over
- 802.11r/k roaming
- VLAN support (Access, Trunk, General)
- 802.1X authentication
- DHCP client
- GRE
- Transmission of subscriber traffic outside of tunnels
- ACL
- NTP
- Syslog
- IPv6

QoS Functions

- Packet priorities and planning based on profiles
- Bandwidth limiting for each SSID

Security

- Centralized authorization via RADIUS server (WPA/WPA2 Enterprise)
- WPA/WPA2 encryption
- Captive Portal

Wireless Interface Specifications

- Frequency range 2400–2483.5 MHz; 5150–5350 MHz; 5470–5850 MHz
- BPSK, QPSK, 16QAM, 64QAM, 256QAM modulations
- Support for MIMO 2×2 for 2.4 GHz MIMO 4×4 for 5 GHz
- Bandwidth: 20, 40 MHz for 2.4 GHz; 20, 40 and 80 MHz for 5 GHz

Data rate

- 802.11a: up to 54 Mbps
- 802.11b: up to 11 Mbps
- 802.11g: up to 54 Mbps
- 802.11n: 2.4 GHz — up to 300 Mbps, 5 GHz — up to 600 Mbps
- 802.11ac: up to 1733 Mbps

Receiver sensitivity

- 2.4 GHz: up to -92 dBm
- 5 GHz: up to -92 dBm

Maximum power of the transmitter

- 2.4 GHz: 18 dBm
- 5 GHz: 20 dBm

Physical Specifications

- Power consumption: no more than 12.95 W
- 128 MB Flash and 256 MB RAM
- Power supply: PoE 48 V/56 V (IEEE 802.3af-2003)
- Dimensions (Diameter × Height): 230 × 56 mm