

Xclient Mamba SLC

5GHz

Xclient Mamba SLC

The Xclient Mamba SLC acts as Customer Premise Equipment and forms the end-point of the Hopling Metro Topology. The Xclient Mamba SLC supports 2 global modes to fit the network and the desired level of features:

1. Bridge mode
2. Router mode

The Xclient Mamba SLC housing has a directional antenna form factor which includes the Xclient Mamba SLC radio and the mainboard inside the antenna housing. The Xclient Mamba SLC is powered using Passive Power over Ethernet (PoE).

Hopling Discovery Protocol (HDP)

Standards

IEEE 802.11a	IEEE 802.11h
IEEE 802.11d	IEEE 802.11i
IEEE 802.11e	IEEE 802.11j
IEEE 802.11	IEEE 802.1q
IEEE 802.3	IEEE 802.3u
IEEE 802.1x	

Device Management

Web-Based - Internet Explorer v6 or later; Netscape Navigator v7 or later; or other Java-enabled browsers.
SSH command line interface
Call Home Facility (CHF), XML interface
SNMP v1 or v2

Data Rates

IEEE 802.11a:

6, 9, 12, 18, 24, 36, 48, 54Mbps

Security

64-, 128-bit WEP
WPA – Enterprise/Personal
WPA2 – Enterprise/Personal
IEEE 802.1x (optional)

Wireless Frequency Range

5.15~5.35GHz/5.725~5.850GHz (US & Canada)
5.15~5.35GHz/5.47~5.725GHz (Europe)
4.90~5.00GHz/5.03~5.091GHz/5.15~5.25GHz (Japan)
Programmable for different country regulations

Modulation Technology

IEEE 802.11a:

OFDM (64-QAM, 16-QAM, QPSK, BPSK)

LED

Blue, external

Receiver Sensitivity

IEEE 802.11a:

-90 dBm @ 6Mbps/-70 dBm @ 54Mbps

Temperature

Operating: -40°C to 85°C
Storage: -40°C to 90°C

Humidity

Operating: 10%~90% (non-condensing)
Storage: 5%~95% (non-condensing)

Operating Voltages

Passive Power over Ethernet

Transmit Power

6-24Mbps - 23dBm
36Mbps - 22dBm
48Mbps - 19dBm
54Mbps - 17dBm

Antenna specifications

17dBi integrated panel antenna, 5.0 - 6.0GHz, beam width typ. 20 degrees

Warranty

Standard 1-Year

Certification

Complies with FCC rules part 15
CE (!)

Ordering information Xclient Mamba SLC CPE

Please check your local sales representative for more details about packages and a la carte configurations.

For more information:



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