

# Xclient Mamba SLC

## 2.4GHz

### 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 802.11g	IEEE 802.11b
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 802.11g:

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

##### IEEE 802.11b:

1, 2, 5.5, 11Mbps

#### Security

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

#### Wireless Frequency Range

##### IEEE 802.11b/g:

2.412GHz ~ 2.462GHz (US & Canada)

2.412GHz ~ 2.472GHz (Europe)

2.412GHz ~ 2.484GHz (Japan)

Programmable for different country regulations

#### Modulation Technology

##### IEEE 802.11g:

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

##### IEEE 802.11b:

DSSS (DBPSK, DQPSK, CCK)

#### LED

Blue, external

#### Receiver Sensitivity

##### IEEE 802.11b:

-92 dBm @ 1Mbps/-87 dBm @ 11Mbps

##### IEEE 802.11g:

-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

##### 2.412~2.472 GHz (IEEE 802.11g)

6-24Mbps - 23dBm

36Mbps - 22dBm

48Mbps - 19dBm

54Mbps - 17dBm

##### 2.412~2.472 GHz (IEEE 802.11b)

23 dBm @1~11Mbps

#### Antenna specifications

14dBi integrated panel antenna, 2.3 - 2.4GHz, 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:



#### Hopling Technologies B.V.

Camerastraat 10  
1322 BC Almere  
The Netherlands

Tel.: +31 36 548 6868

Fax: +31 36 548 6869

Email: [info@hopling.com](mailto:info@hopling.com)

Website: [www.hopling.com](http://www.hopling.com)

