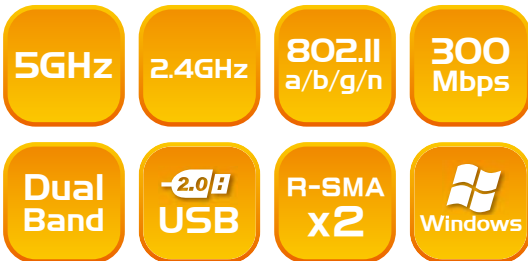


X.USB

11a/b/g/n 300Mbps Dual Band USB Adapter

X.USB is a portable 300Mbps dual band 11a/b/g/n USB adapter that can connect with any WiFi network at the maximum speed. It even comes with detachable antenna design to change antennas according to the distance requirement. It is the perfect choice for low cost 5GHz WISP clients.



Atheros 300Mbps Dual Band

The X.USB is capable of connecting to 5GHz and 2.4GHz WiFi networks at 300Mbps. You can set it to 11a/b/g/n, 11a/n, 11b/g/n, 11b/g, 2.4GHz only, or 5GHz only mode. The Atheros chipset means perfect compatibility with outdoor AP devices. If you need an USB dongle that can connect with everyone, the X.USB is your choice.

R-SMA Antenna Connectors

Despite of its portable pen size, the X.USB is equipped with 2 standard R-SMA antenna connectors. That means you can attach standard sized antennas to the X.USB for longer distance or wider coverage. You no longer have to choose between large palmtop size and small flimsy connectors.



For WISP and Long Distance Application



For WISP operators that are looking for low cost 5GHz client solution, the X.USB is ideal for this purpose. Not only it is equipped with the Atheros chipset for compatibility and performance, its R-SMA connectors allow the use of external antennas for longer distance. For consumers, the X.USB is stylish and allows the use of hi-gain antennas to connect with greater number of Access Points.

Manufacturer

OvisLink Corp.

5F, No.96, Min-ChuanRd, Hsin-tien City, Taipei, Taiwan

www.airlive.com

Specifications

Standards

- IEEE 802.11n
- IEEE 802.11a
- IEEE 802.11g
- IEEE 802.11b

Antenna

- 2 x R-SMA Connector
- Model X.USB-3: 2 x 3dBi antennas
- Model X.USB: Antenna not included

Frequency Range

- 802.11g/b: 2.400GHz~2.4835GHz
- ETSI: 802.11a: 5.470 to 5.725 GHz
- USA: 802.11a: 5.725 to 5.825 GHz

Hardware

- Chipset: Atheros UB82 , 11a/b/g/n USB
- Interface: USB 2.0

Modulation Technique

- Orthogonal frequency division multiplexing (OFDM)
- Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)

Security

- 64/128bit WEP, WPA, WPA2, 802.1x and 802.11i

Media Access Protocol

- CSMA/CA (Collision Avoidance) with ACK

Output Power

- 20dBm

Data Rate

- 11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto rate fall back
- 11b: 11, 5.5, 2, and 1Mbps with auto-rate fall back
- 11a: 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto rate fall back
- 802.11n
- 20 MHz BW(LGI): 65, 58.5, 52, 39, 26, 19.5, 13, 6.5

- 40 MHz BW(LGI): 135, 121.5, 108, 81, 54, 40.5, 27, 13.5
- 20 MHz BW(SGI): 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2
- 40 MHz BW(SGI): 150, 135, 120, 90, 60, 45, 30, 15

Max Receiver Sensitivity

- 2.4GHz: -91dB
- 5GHz: -92dB

Working Mode

- Ad-Hoc or Infrastructure

Host Interface

- A-Type USB 2.0 connector

Operating Temperature

- 0~55°C ambient temperature

Storage Temperature

- 20~70°C ambient temperature

Power Consumption

- Continuous transmission mode: 290mA at 5VDC (Max.)

Operating & Storage Humidity

- 90% maximum (non-condensing)

Operating System Support

- Windows® XP/VISTA/7, Linux

Certifications

- CE FCC

Product Weight (g)

- 20g

Product Size (L x W x H (mm))

- 98 x 28 x 12 mm

Ordering Information:

- AirLive X.USB** 11a/b/g/n 300Mbps Dual Band USB Adapter (antennas not included)
AirLive X.USB-3 11a/b/g/n 300Mbps Dual Band USB Adapter (2 x 3dBi antennas)