

OmniLink/bg – USB WiFi Adapter

OmniLink is an external USB 802.11/bg adapter greatly improving the ease of integration of the OmniTerm® 160-Series, 180-Series and 500-Series Thin Clients into the local area network without depending on physical cabling.

OmniLink is immediately detected by the OmniTerm® Thin Clients operating systems and is ready to be configured right after its insertion into one of the OmniTerm's USB ports.



Characteristics

Wireless	<ul style="list-style-type: none">• WiFi: IEEE 802.11b/g.• Frequency range: 2400 to 2483,5 MHz.• Modulation: QPSK, BPSK, CCK, OFDM.• Channels: EE 802.11b: Direct Sequence Spread Spectrum / IEEE802.11g : Orthogonal Frequency Division Multiplexing.• France: 4 (10 to 13) – Other European countries: 13 (1 to 13).• Transmission speed: up to 54 Mbps.• Output power: 13 to 17 dBm.• Consumption: Transmitting and receiving mode: 249 mA @ 5 V max. Idle mode: 100 mA max @ 5 V.• Sensitivity: Minimum -71 dBm @ 54 Mbps – Minimum -84 dBm @ 11 Mbps.• Coverage: Internal – 35 to 100 m to 11Mbps (estimated) / External – 300m to 11 Mbps (estimated).• Regulation: FCC Part 15 B, C -CE – TÜV – RoHS – DEEE.
Media access/Bandwidth Encryption/ Authentication	<ul style="list-style-type: none">• Controller: VT6656.• Media Access Protocol: CSMA/CA with ACK.• Data encryption: WEP 64/128 bits, TKIP, AES.• Network authentication: Open, Shared, WPA 1.0/2.0*, WPA-PSK, WPA2-PSK.• 802.1X (type EAP) authentication*: PEAPv0 / EAP-MSCHAPV2, PEAPv1 / EAP-GTC (Cisco PEAP), EAP-TLS, EAP-MD5 Challenge. <p>* Not supported under Linux</p>
Other specifications	<ul style="list-style-type: none">• Interface: USB 2.0 / 1.1.• Temperatures: Utilization from 0 °C to 55 °C / Storage from 0°C to 70° C.• Humidity: Utilization 0% to 70% / Storage 0% to 95 % non condensing.• Size: with connector 75x24x4 mm / without connector 60x24x4 mm.• Weight: 10 g.

Distributed by:

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