

## OmniTerm® 160, 180, 200-Series integrated WiFi

- Optional feature for the 160 and 180-Series of OmniTerm® Thin Clients powered by Linux, Windows CE and Windows XPe.
- WiFi 802.11b/g integrated adapter with external antenna.
- Choice between WiFi or Ethernet cable connection.
- Characteristics, specifications and options are identical to those of OmniTerm/L160, /L180, /L200, OmniTerm/W160, /W180, /W200 and OmniTerm/X160, /X180, /X200 but with only one USB front port.
- Commercial names of the Thin Clients with integrated WiFi option:



OmniTerm/L160bg (LINUX).  
OmniTerm/L180bg (LINUX).  
OmniTerm/L200bg (LINUX)  
OmniTerm/W160bg (Windows CE).  
OmniTerm/W180bg (Windows CE).  
OmniTerm/W200bg (Windows CE).  
OmniTerm/X160bg (Windows XPe).  
OmniTerm/X180bg (Windows XPe).  
OmniTerm/X200bg (Windows XPe).

### Characteristics

<p><b>Wireless</b></p>	<ul style="list-style-type: none"> <li>• WiFi: IEEE 802.11b/g.</li> <li>• Frequency range: 2400 to 2483,5 MHz.</li> <li>• Modulation: QPSK, BPSK, CCK, OFDM.</li> <li>• Channels: EE 802.11b: Direct Sequence Spread Spectrum / IEEE802.11g : Orthogonal Frequency Division Multiplexing.</li> <li>• France: 4 (10 to 13) – Other European countries: 13 (1 to 13).</li> <li>• Transmission speed: up to 54 Mbps.</li> <li>• Output power: 13 to 17 dBm.</li> <li>• Consumption: Transmitting and receiving mode: 249 mA @ 5 V max. Idle mode: 100 mA max @ 5 V.</li> <li>• Sensitivity: Minimum -71 dBm @ 54 Mbps – Minimum -84 dBm @ 11 Mbps.</li> <li>• Coverage: Internal – 35 to 100 m to 11Mbps (estimated) / External – 300m to 11 Mbps (estimated).</li> <li>• Regulation: FCC Part 15 B, C -CE – TÜV – RoHS – DEEE.</li> </ul>
<p><b>Media access/Bandwidth Encryption/ Authentication</b></p>	<ul style="list-style-type: none"> <li>• Controller: VT6656.</li> <li>• Media Access Protocol: CSMA/CA with ACK.</li> <li>• Data encryption: WEP 64/128 bits, TKIP, AES (Windows XPe).</li> <li>• Network authentication: Open, Shared, WPA 1.0/2.0*, WPA-PSK, WPA2-PSK.</li> <li>• 802.1X (type EAP) authentication*: PEAPv0 / EAP-MSCHAPV2, PEAPv1 / EAP-GTC (Cisco PEAP), EAP-TLS, EAP-MD5 Challenge.</li> </ul> <p>* Not supported under Linux.</p>
<p><b>Other specifications</b></p>	<ul style="list-style-type: none"> <li>• Interface: USB 2.0 / 1.1.</li> <li>• Temperatures: Utilization from 0 °C to 55 °C / Storage from 0°C to 70° C.</li> <li>• Humidity: Utilization 0% to 70% / Storage 0% to 95 % non condensing.</li> </ul>

### Distributed by:

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