

USB Wireless Adapter

CLI offers a USB wireless adapter device to those users who require low-cost wireless connectivity.

The USB wireless adapter is extremely affordable, and provides an excellent alternative to using an internal PCI or PCMCIA wireless adapter.

The USB wireless adapter is very small and stylish, and comes complete with connector cable, integrated antenna, and mounting system. This adds up to fast, easy, and flexible zero-footprint installation.

The USB wireless adapter is fully compatible with all CLI next-generation Windows CE and XPE thin client devices.



Compatibility

<p>Terminal compatibility</p>	<ul style="list-style-type: none"> • CLI Windows CE thin client devices, including: <ul style="list-style-type: none"> ○ MT1200c ○ MT1500g ○ MT1550g ○ ET4500g ○ ET4520g • CLI Windows XPE thin client devices, including: <ul style="list-style-type: none"> ○ MT1500x ○ MT1550x ○ MT3500x ○ MT3550x ○ ET4500x ○ ET4510x ○ ET4520x ○ ET6500x ○ ET6510x
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Specifications

Standard	<ul style="list-style-type: none"> • IEEE 802.11b/g
Host interface compatibility	<ul style="list-style-type: none"> • USB 2.0 / 1.1, mini Type B connector
Cable	<ul style="list-style-type: none"> • USB Type A to mini Type B (included), 1 m (3 ft) to extend connection
Physical dimensions	<ul style="list-style-type: none"> • 78 mm. (L) x 27 mm. (W) x 9 mm. (D); 3.07 in. (L) x 1.06 in. (W) x 0.35 in. (D)
Weight	<ul style="list-style-type: none"> • 10 g.; .35 oz.
Frequency range	<ul style="list-style-type: none"> • US / Canada, Europe: 2.4 - 2.4835 GHz • Japan: 2.4 - 2.497 GHz
Transmission types	<ul style="list-style-type: none"> • DSSS (Direct Sequence Spread Spectrum) • OFDM (Orthogonal Frequency Division Multiplexing)
Modulation types	<ul style="list-style-type: none"> • QPSK, BPSK, CCK, OFDM
Core logic	<ul style="list-style-type: none"> • VIA VT6656
Form factor	<ul style="list-style-type: none"> • Mini, low-profile external dongle (optional internal mounting)
Operating channels	<ul style="list-style-type: none"> • US / Canada: 11 • Europe: 13 • Japan: 14
Power consumption	<ul style="list-style-type: none"> • 384 uA@5V, Suspend / high speed mode • 259 mA@5V, Active / high speed mode
Output power	<ul style="list-style-type: none"> • 13 -17 dBm
Receiver sensitivity	<ul style="list-style-type: none"> • Min -71dBm@54Mbps, PER<8% • Min -84dBm@11Mbps, PER<8%
Data transfer rate	<ul style="list-style-type: none"> • Up to 54 Mbps
Environmental	<ul style="list-style-type: none"> • Operating temperature: 0°C to 55°C; 32°F to 131°F • Storage temperature: -20°C to 70°C; -4°F to 158°F • Operating humidity: 0% - 70% • Storage humidity: 0% - 95% non-condensing
Warranty	<ul style="list-style-type: none"> • One year standard warranty
Compliance	<ul style="list-style-type: none"> • FCC part 15 B, C • USB-IF
Media access protocol	<ul style="list-style-type: none"> • CSMA / CA (Collision Avoidance) with ACK
Antenna	<ul style="list-style-type: none"> • Internal, integrated, one-chip antenna • Optional external antenna via connector

Security (dependent on access point capabilities and required infrastructure, e.g. RADIUS server required for PEAP)

	Windows CE	Windows XPE
Encryption	<ul style="list-style-type: none"> • TKIP, WEP 	<ul style="list-style-type: none"> • TKIP, WEP, AES
Authentication	<ul style="list-style-type: none"> • OPEN, SHARED, WPA, WPA-PSK 	<ul style="list-style-type: none"> • OPEN, SHARED, WPA, WPA-PSK
802.1x Authentication	<ul style="list-style-type: none"> • TLS (with certificates), MD5 Challenge, PEAP (with certificates) 	<ul style="list-style-type: none"> • TLS (with certificates), PEAP (with certificates), smart card (with certificates)

