

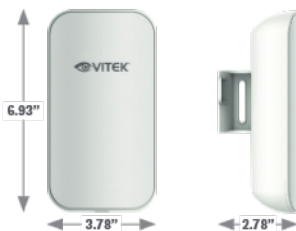
VT-WB1150

Air Series High Speed 5.8GHz Wireless Bridge with Point-to-Multi-Point (P2MP) Topology, 3,000' Range



KEY FEATURES

- Advanced Qualcomm Atheros AR9344 600MHz Chipset
- 64MB DDR2 Memory, 8MB Flash Storage
- Low interference, High Stability, 3,000 ft. Range (1km)
- Tool-free installation, with no computer necessary
- Innovative and easy-to-use 10-Switch DIP function, automatically syncs CPE and AP
- Wirelessly connect up to 4 CPE points to one AP point for true Point-to-Multi-Point (P2MP) Topology!
- 128 IP Groups, Automatic Matching Transmission
- Compact and stylish exterior is made with durable, weather-resistant ABS and PC Material (IP65 rating)
- Wired Equivalent Privacy (WEP), SNMP Management Information Base (MIB), Telnet, and Serial Management
- Direct Sequence Spread Spectrum (DSSS) Transmission
- CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5 Protocol
- 5180MHz~5240MHz / 5745MHz~5825MHz Channel
- 10dbi Antenna Gain, with Vertical Polarization and 4900 6100MHz
- WEP 64/128bits, WPA, WPA2, 802.1x Security Encryption
- IEEE802.11a, IEEE802.11n, IEEE802.3u Standard
- 10/100Mbps Ethernet Port
- DC12V (Power Supply Included in Package)
- 3-Year Warranty



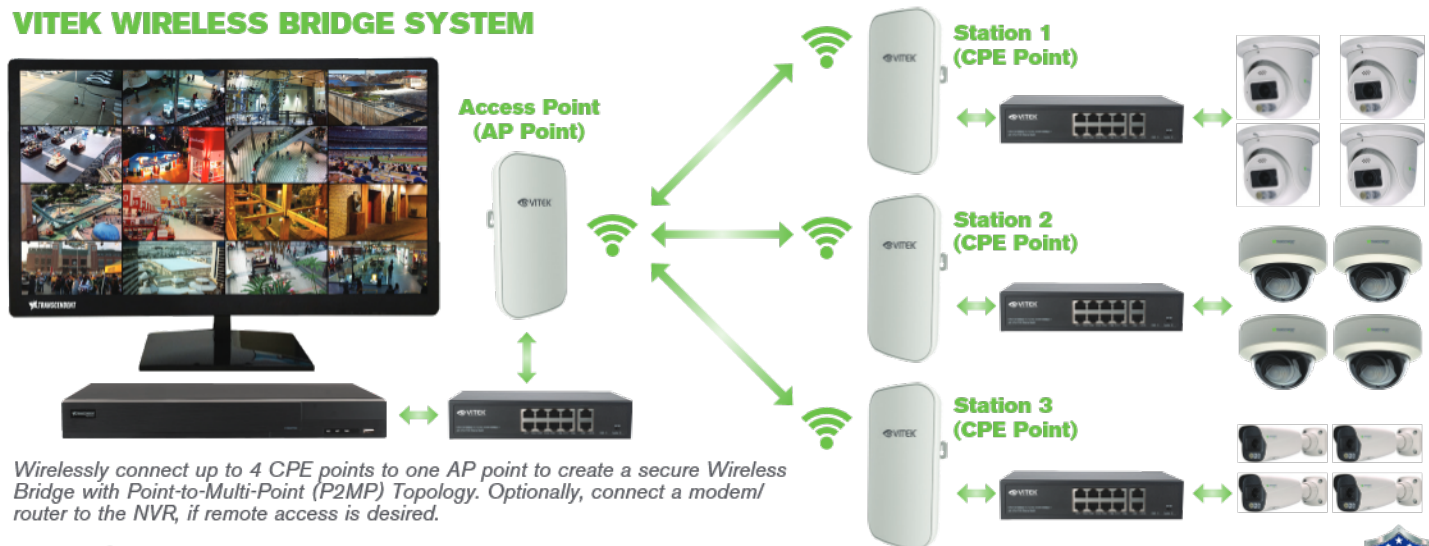
Sleek and compact design, with conveniently located connections, and easy setup with DIP switch configuration (computer not required).



VITEK AIR SERIES HIGH SPEED 5.8GHZ WIRELESS BRIDGE WITH POINT-TO-MULTI-POINT (P2MP) TOPOLOGY!

With high speed transmission of 150Mbps and a wireless range of over 3,000 feet, the VITEK VT-WB1150 eliminates the need for expensive and troublesome long-distance cables in areas where CCTV monitoring and rigorous surveillance take place. This small, lightweight and durable unit is easy-to-install and easy to use with an innovative and straightforward 10-button plug-and-play dip switch that facilitates the creation of a robust wireless network without a computer. Set-up can be simply configured for point-to-point or point-to-multipoint topology depending on the application, with up to 128 IP group configurations.

VITEK WIRELESS BRIDGE SYSTEM



Wirelessly connect up to 4 CPE points to one AP point to create a secure Wireless Bridge with Point-to-Multi-Point (P2MP) Topology. Optionally, connect a modem/router to the NVR, if remote access is desired.

An Eye On
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SPECIFICATIONS

Chipset	Qualcomm Atheros AR9344 600MHz
Memory / Storage	DDR2 64MB / 8MB Flash
Range	~.62 Mile / 3280 Feet (1km)
Bandwidth	150Mbps
IC	SiGe5012B
Port	10 / 100Mbps LANx1
Speed	11a: 54, 48, 36, 24, 18, 12, 9, 6Mbps / 11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 14.4, 28.9, 43.3, 57.8, 86.7, 115.6, 130, 144.4, 150Mbps
Transmission	DSSS
Modulation	OFDM / BPSK / QPSK / CCK / DQPSK / DBPSK
Standard	IEEE802.11n, IEEE802.11a, IEEE802.3u
Protocol	CSMA / CA, TCP / IP, IPX / SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5
Channel	4900~6100MHz
Power dissipation	≤3W
Power / Output Power	DC 12V (1A) / 23dBm
RF@25 ±2dB Sensitivity 802.11a	6-24Mbps (23±2dBm), 36-48Mbps (22±2dBm), 54Mbps (21±2dBm)
RF@25 ±2dB Sensitivity 802.11n HT20	MCS 0-3 (23±2dBm), MCS 4 (22±2dBm), MCS 5 (21.5±2dBm), MCS 6 (21±2dBm), MCS 7 (20.5±2dBm)
RF@25 ±2dB Sensitivity 802.11n HT40	MCS 0-3 (22±2dBm), MCS 4 (21.5±2dBm), MCS 5 (21±2dBm), MCS 6 (20.5±2dBm), MCS 7 (20±2dBm)
Sensitivity 802.11a	6Mbps ≤ -89; 54Mbps ≤ -73
Sensitivity 802.11n	HT20: MCS 0 ≤ -86; MCS 7 ≤ -68 / HT40: MCS 0 ≤ -83; MCS 7 ≤ -65
Antenna Frequency	4900~6100MHz
Antenna Polarization	Vertical
Antenna Gain	10DBi
Management	WEP, SNMP MIB, Serial, Telnet
Security (MAC Address Control)	No
Security (Encryption)	WEP 64 / 128bits, WPA, WPA2, 802.1x
Ingress Protection	IP65
Operating Temperature (Storage Temperature)	-22.0~165°F / -30~65°C (-58.0~176°F / -50~80°C)
Humidity	≤95% Non-condensed
Dimensions / Weight	6.93 x 3.78 x 2.78 / 1.1lb (176 x 96 x 71mm / 0.3kg)