

# VT-WB2150

Air Series High Speed 5.8GHz PoE Wireless Bridge with Point-to-Multi-Point (P2MP) Topology, 1.25 Mile Range



## KEY FEATURES

- Advanced Qualcomm Atheros AR9344 600MHz Chipset
- 64MB DDR2 Memory, 8MB Flash Storage
- Low interference, High Stability, 1.25 Mile (2km) Range
- Tool-free installation, with no computer necessary
- Innovative and easy-to-use 10-Switch DIP Function, automatically syncs AP and CPE points
- 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
- 12Dbi Antenna Gain, with Vertical Polarization and 4900 6100MHz
- WEP 64/128bits, WPA, WPA2, 802.1x Security Encryption
- IEEE802.11a, IEEE802.11n, IEEE802.3u Standard
- Dual 10/100Mbps Ethernet Ports
- PoE24V (1A) Injector Power Supply Included
- 3-Year Warranty



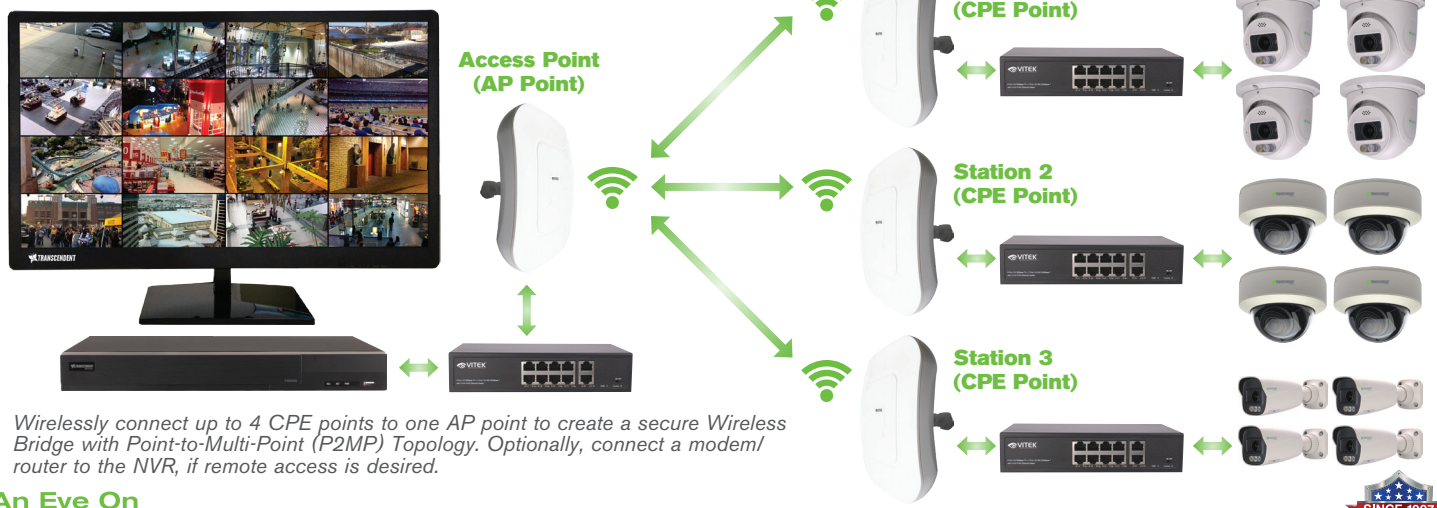
## VITEK AIR SERIES HIGH SPEED 5.8GHZ WIRELESS BRIDGE WITH POINT-TO-MULTI-POINT (P2MP) TOPOLOGY!

With high speed transmission of 150MBps and a wireless range of 1.25 miles (2km), the VITEK VT-WB2150 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.



Sleek and compact design, with dual ethernet ports, and easy setup with DIP switch configuration (computer not required).

## 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 Innovation

www.vitekcctv.com



## SPECIFICATIONS

Chipset	Qualcomm Atheros AR9344 600MHz
Memory / Storage	DDR2 64MB / 8MB Flash
Range	1.25 miles (2km)
Bandwidth	150Mbps
IC	SiGe5012B
Port	2x - 10 / 100Mbps (LAN)
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	PoE24V (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	12DBi
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	8 x 8 x 5.21" / 1.1lb (205 x 205 x 132.3mm / 0.5kg)