

VT-WB5900

Air Series High Speed 5.8GHz PoE Wireless Bridge with Point-to-Multi-Point (P2MP) Topology, 3.1 Mile Range



KEY FEATURES

- Advanced Qualcomm QCA9563 + QCA9886 Chipset
- 128MB DDR2 Memory with 16MB Flash Storage
- High Speed Wireless Transmission with 867Mbps of data throughput
- Low interference, High Stability, 3.1 Mile (5km) 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
- 5180MHz~5240MHz / 5745MHz~5825MHz Channel
- 16Dbi Antenna Gain with Horizontal/Vertical Polarization and 4900~6100MHz
- WEP 64/128bits, WPA, WPA2, 802.1x Security Encryption
- IEEE802.11a, IEEE802.11n, IEEE802.3u, IEEE802.11ac Standards
- Dual 10/100/1000Mbps Ethernet Ports
- PoE24V (1A) Injector Power Supply Included
- 3-Year Warranty



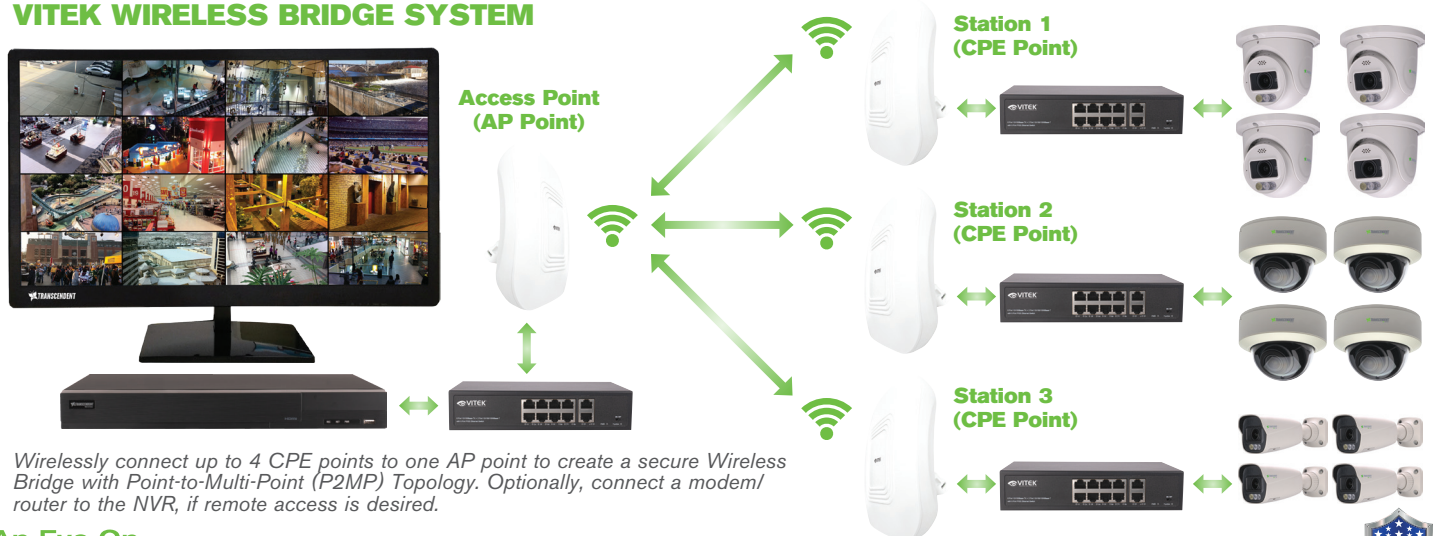
VITEK AIR SERIES HIGH SPEED 5.8GHZ WIRELESS BRIDGE WITH POINT-TO-MULTI-POINT (P2MP) TOPOLOGY!

With high speed transmission of 867Mbps and a wireless range of 3.1 miles (5km), the VITEK VT-WB5900 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

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SPECIFICATIONS

Chipset	QCA9563 + QCA9886
IC	SKY85728*2
Memory / Storage	128MByte DDR2 / 16MB Flash
Bandwidth	867Mbps
Wireless Range	Up to 3.1 Miles (5km)
Wired Port	2x - 10/100/1000Mbps (LAN)
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256QAM, DBPSK, DQPSK, CCK
Standard	IEEE802.11a, IEEE802.11n, IEEE802.3u, IEEE802.11ac
Channel	5180-5240GHz / 5745-5825GHz
RF@25 ±2dB Sensitivity 802.11a	6-24Mbps (26±2dBm), 36-48Mbps (25±2dBm), 54Mbps (24±2dBm)
RF@25 ±2dB Sensitivity 802.11AC HT20	MCS 0-3 (26±2dBm), MCS 4 (25±2dBm), MCS 5 (24.5±2dBm), MCS 6 (24±2dBm), MCS 7 (23.5±2dBm)
RF@25 ±2dB Sensitivity 802.11AC HT40	MCS 0-3 (25±2dBm), MCS 4 (24.5±2dBm), MCS 5 (24±2dBm), MCS 6 (23.5±2dBm), MCS 7 (23±2dBm)
RF@25 ±2dB Sensitivity 802.11AC HT80	MCS 0-3 (18±2dBm), MCS 4 (18±2dBm), MCS 5 (18±2dBm), MCS 6 (18±2dBm), MCS 7 (18±2dBm)
Sensitivity 802.11a	6Mbps ≤ -89 / 54Mbps ≤ -73
Sensitivity 802.11AC	HT20: MCS 0 ≤ -94; MCS 7 ≤ -76 / HT40: MCS 0 ≤ -92; MCS 7 ≤ -76 / HT80: MCS 0 ≤ -90; MCS 7 ≤ -67
Antenna Frequency	4900~6100MHz
Antenna Polarization	Vertical / Horizon
Antenna Gain	16DBi
Management	WEP, SNMP MIB, Serial, Telnet
Security (Encryption)	WEP 64 / 128bits, WPA, WPA2, 802.1x
Ingress Protection	IP65
Power Dissipation	≤7W
Power Input	POE 24V 1A
Operating Temperature	-22.0~165°F / -30~65°C
Humidity	≤95% Non-condensed
Dimensions / Weight	8 x 8 x 5.21" / 1.1lb (205 x 205 x 132.3mm / 0.5kg)