



The IV-PtP wireless bridges are an excellent way connecting network devices that are hard to run wires or when trenching is needed. Connecting a DVR/NVR from a remote location is easily done now to give remote access to the unit that generally has no remote access. Connecting IP cameras from a pole or remote location is now easily done to add to NVRs. Trenching through concrete is now no longer a concern, or if the distance is beyond 330ft. Using these wireless bridges, the devices can now be able to communicate from up to 2km away line of sight. These PtP devices are not limited to security products but are also used on the networking IT side as well. Linking two different sites together to share one internet connection.

IV-PTP2G

Master control solution	Atheros AR9341 600MHz		
DRAM	DDR 64MByte		
FLASH	8MByte		
Cable interface	10/100Mbps WAN*1 LAN*1		
Data rate	11N: 6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M, 58.5M, 65M, 841M, 108M, 121.5M, 135M, 150M, 270M, 300Mbps		
Transmission mode	Direct sequence spread spectrum (DSSS)		
Standard	IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3u		
Support protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5		
Power consumption	≤3W		
Power	POE 24V 1A		
RF power@25°C±2dB 802.11b	20±2dBm		
RF power@25°C±2dB 802.11n	HT20	MCS7	15±2dBm
	HT40	MCS7	15±2dBm
Sensitivity IEEE 802.11n	HT20	MCS7≤	-65dBm
	HT40	MCS7≤	-62dBm
Antenna system frequency range	2300 ~ 2800MHz		
Direction of polarization	Vertical/Horizontal		
Antenna system gain	14DBi		
Management support	WEP management, SNMP MIB, Telnet, Serial		
Safety	MAC address control support		
Encryption	WEP encrypt 64/128bits, WPA, WPA2, 802.1x		
Operating temperature	-22° ~ 149°F (-30° ~ 65°C)		
Humidity	≤95% (non-condensing)		

IV-PTP5G

Master control solution	Atheros AR9341 600MHz		
DRAM	DDR 64MByte		
FLASH	8MByte		
Cable interface	10/100Mbps LAN*2		
Data rate	HT40: 15M, 30M, 45M, 60M, 90M, 120M, 135M, 150M, 180M, 240M, 270M, 300Mbps		
Transmission mode	Direct sequence spread spectrum (DSSS)		
Standard	IEEE802.11n, IEEE802.11a, IEEE802.3u		
Support protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5		
Power consumption	≤5W		
Power	POE 24V 1A		
RF power@25°C±2dB 802.11n	HT20 / HT40	MCS0-3	26±2dBm
	HT20 / HT40	MCS4	25.5±2dBm
	HT20 / HT40	MCS5	25±2dBm
	HT20 / HT40	MCS6	24.5±2dBm
	HT20 / HT40	MCS7	24±2dBm
Sensitivity IEEE 802.11n	HT20	MCS0≤ -86dBm; MCS7≤ -68dBm	
	HT40	MCS0≤ -83dBm; MCS7≤ -65dBm	
Antenna system frequency range	5000 ~ 5800MHz		
Direction of polarization	Vertical/Horizontal		
Antenna system gain	14DBi		
Management support	WEP management, SNMP MIB, Telnet, Serial		
Safety	MAC address control support		
Encryption	WEP encrypt 64/128bits, WPA, WPA2, 802.1x		
Operating temperature	-22° ~ 149°F (-30° ~ 65°C)		
Humidity	≤95% (non-condensing)		