

# 2.3GHz Solution



	ASU-24005g3	CPE-24005g3	AAP-24005g3
	IEEE 802.11b/g 100mW Wireless Radio Outdoor AP/Bridge System Integrated with 12dBi Panel Antenna	IEEE 802.11b/g 100mW Wireless Radio Outdoor AP/Bridge System Integrated with 18dBi Panel Antenna	IEEE 802.11b/g 100mW Wireless Radio Outdoor AP/Bridge System
Standards	IEEE 802.11b/g, IEEE 802.3af	IEEE 802.11b/g, IEEE 802.3af	IEEE 802.11b/g, IEEE 802.3af
Compliance	IEEE 802.3, IEEE 802.3u	IEEE 802.3; IEEE 802.3u	IEEE 802.3; IEEE 802.3u
SDRAM	8 M Byte	8 M Byte	8 M Byte
Flash	2 M Byte	2 M Byte	2 M Byte
Modulation	IEEE 802.11b: CCK, DQPSK, DBPSK IEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM	IEEE 802.11b: CCK, DQPSK, DBPSK IEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM	IEEE 802.11b: CCK, DQPSK, DBPSK IEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	2.312 ~ 2.372 GHz (13 channels)	2.312 ~ 2.372 GHz (13 channels)	2.312 ~ 2.372 GHz (13 channels)
Transmission Power	IEEE 802.11b: 20dBm (100mW) IEEE 802.11g: 20dBm (100mW)	IEEE 802.11b: 20 dBm (100mW) IEEE 802.11g: 20 dBm (100mW)	IEEE 802.11b: 20 dBm (100mW) IEEE 802.11g: 20 dBm (100mW)
Transmission Rate	IEEE 802.11b: 1/2/5.5/11Mbps IEEE 802.11g: 6/9/12/18/24/36/48/54Mbps	IEEE 802.11b: 1/2/5.5/11Mbps IEEE 802.11g: 6/9/12/18/24/36/48/54Mbps	IEEE 802.11b: 1/2/5.5/11Mbps IEEE 802.11g: 6/9/12/18/24/36/48/54Mbps
Sensitivity	-86dBm @ 11Mbps, PER < 8% -64dBm @ 54Mbps, PER < 10%	-86dBm @ 11Mbps, PER < 8% -64dBm @ 54Mbps, PER < 10%	-86dBm @ 11Mbps, PER < 8% -64dBm @ 54Mbps, PER < 10%
Antenna Type	Integrated with 12dBi Panel Antenna	Integrated with 18dBi Panel Antenna	Reverse N type female/External high gain antenna (optional)
Wireless Setting	Operation Mode: AP/Wireless Client/Repeater/ Bridge(WDS) PtP and PtMP	Operation Mode: AP/Wireless Client/Repeater/ Bridge(WDS) PtP and PtMP	Operation Mode: AP/Wireless Client/Repeater/ Bridge(WDS) PtP and PtMP
Power	DC 48 Volt ± 5%; 0.4A (Max.); AC adapter AC 100V ~ 240V	DC 48 Volt ± 5%; 0.4A (Max.); AC adapter AC 100V ~ 240V	DC 48 Volt ± 5%; 0.4A (Max.); AC adapter AC 100V ~ 240V

# Up/Down Converter



	AAP-3405	AAP-5805
	IEEE 802.11b 500mW Wireless Radio Outdoor Bridge System (2.4GHz to 3.4GHz Up/Down Converter)	IEEE 802.11b 500mW Wireless Radio Outdoor Bridge System (2.4GHz to 5.8GHz Up/Down Converter)
Standards	IEEE 802.11b	IEEE 802.11b
Compliance	IEEE 802.3	IEEE 802.3
SDRAM	4 M Byte	4 M Byte
Flash	1 M Byte	1 M Byte
Modulation	IEEE 802.11b: CCK, DQPSK, DBPSK	IEEE 802.11b: CCK, DQPSK, DBPSK
Frequency Band	3.4GHz (3.412 ~ 3.472GHz)	5728 ~ 5812MHz
Transmission Power	IEEE 802.11b: 27dBm (500mW)	IEEE 802.11b: 27dBm (500mW)
Transmission Rate	11/9/6/5.5/2/1Mbps auto fallback	11/9/6/5.5/2/1Mbps auto fallback
Sensitivity	-84dBm @ 11Mbps, PER < 8%	-84dBm @ 11Mbps, PER < 8%
Antenna Type	N type female	N type female
Wireless Setting	Operation Mode: AP/Wireless Client/Bridge PtP and PtMP (up to 6 links) Firmware upgradable to any mode	Operation Mode: AP/Wireless Client/Bridge PtP and PtMP (up to 6 links) Firmware upgradable to any mode
Power	DC 15 Volt ± 5%; 2.8A (Max.); AC adapter AC 100V ~ 240V	DC 12 Volt ± 5%; 2A (Max.); AC adapter AC 100V ~ 240V