



APM CO., LTD.

AAP-2458-4N-MM

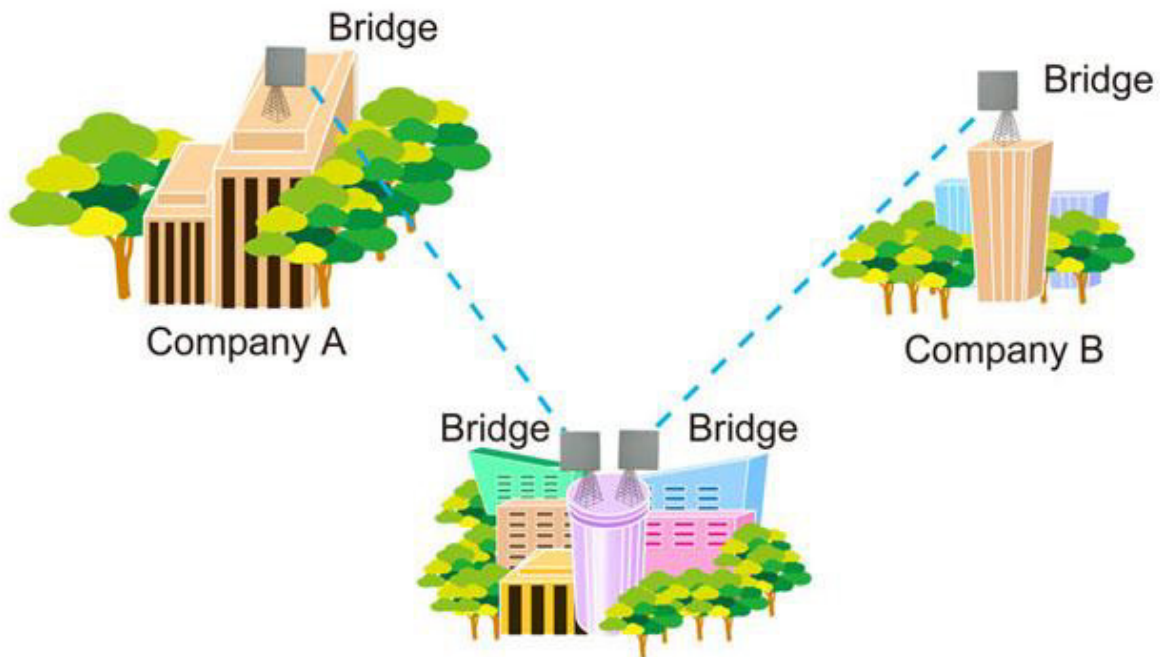
MIMO 600Mbps Outdoor Bridge 2.4 / 5GHz Dual Band 2x2 Solution



AAP-2458-4N-MM Wireless MIMO Bridge provides reliable and predictable Wireless Bridge Connection or/and Wi-Fi Coverage. With these wireless access points you can:

Augment throughput for high-bandwidth wireless applications Protect your investment in wireless networking
Increase network reliability for high bandwidth applications

Data rates of 600 Mbps (Dual RF) Multiple input, multiple output technology for enhanced reliability 2.4/5GHz radio module





Specifications

HARDWARE

Memory	16MB Flash + 64MB SDRAM
LAN	1 x 10/100/1000 BaseT RJ-45 with Auto-MDIX
Power Over Ethernet (POE)	Yes (802.3at)
Enclosure	Metal and Plastic PC Case, IP 68 Verified
Default Button	Yes
LED	Power / RF1 / RF2
Ground	Yes
Anti-static Grade	Contact discharge: 6KV Air discharge: 8KV
Ethernet Lightning Protector	Ethernet : Line to Earth 2kv, Line to Line 1kv
Power Requirements	802.3at PoE 48Vdc @0.5A / 100~240 Vac, 50/60 Hz

RADIO

Wireless	2.4 / 5 GHz
Output Power	20 dBm
Sensitivity	-92dBm@6Mbps / -75dBm@54Mbps / -73dBm@HT20 / -72dBm@HT40 (2.4GHz) -90dBm@6Mbps / -75dBm@54Mbps / -73dBm@HT20 / -70dBm@HT40 (5GHz)
Antenna	4 N Jack Connectors

FEATURE

Operating Mode	Thin AP (Need Controller), Fat AP, Bridge
Channel Bandwidth	20MHz, 40MHz
Data Bandwidth Control	Yes (Throughput / Flow Balance / Online User)



Virtual AP	8 Max.
VLAN / QoS	Yes
Output Power Management	Yes (Manually / Auto)
Max. Client Setting	Yes
Spanning Tree	Yes (802.1d)
Distance Setting	Yes (0-15,000m)
Beacon Interval Setting	Yes (20-1,000)
DTIM Interval Setting	Yes (1-255)
Schedule Reboot	Yes (Hour / Day)
SECURITY	
MAC Control	Yes
WEP Encryption	64, 128, 152-bit
802.1x	(EAP-TLS, EAP-TTLS, PEAP)
WPA / WPA2	Yes
Online User Control	Yes
Wireless Isolation	Yes
Hidden SSID	Yes
Firewall	Yes IP Filter XDos Prevention Broadcast Storm ARP/ ICMP /UDP Protect
VPN	VPN Pass-through (IPsec, L2TP, PPTP)
MANAGEMENT	
Web Base Management	Yes



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Console	Yes (SSH)
SNMP	V1, V2C, Private MIB, 802.11 MIB
Adjacent AP/STA Scan	Yes
NTP	Yes
Support Log Server	Yes

PHYSICAL

Operating Temperature	-30 ~ 80C
Operating Humidity	10 ~ 95% RH
Weight	1.8 Kg
Dimension	259 x 250 x 75 mm
