

MatrixPro2

802.11ac Dual-Radios
2.4GHz + 5GHz

Concurrent MIMO Outdoor AP/Bridge



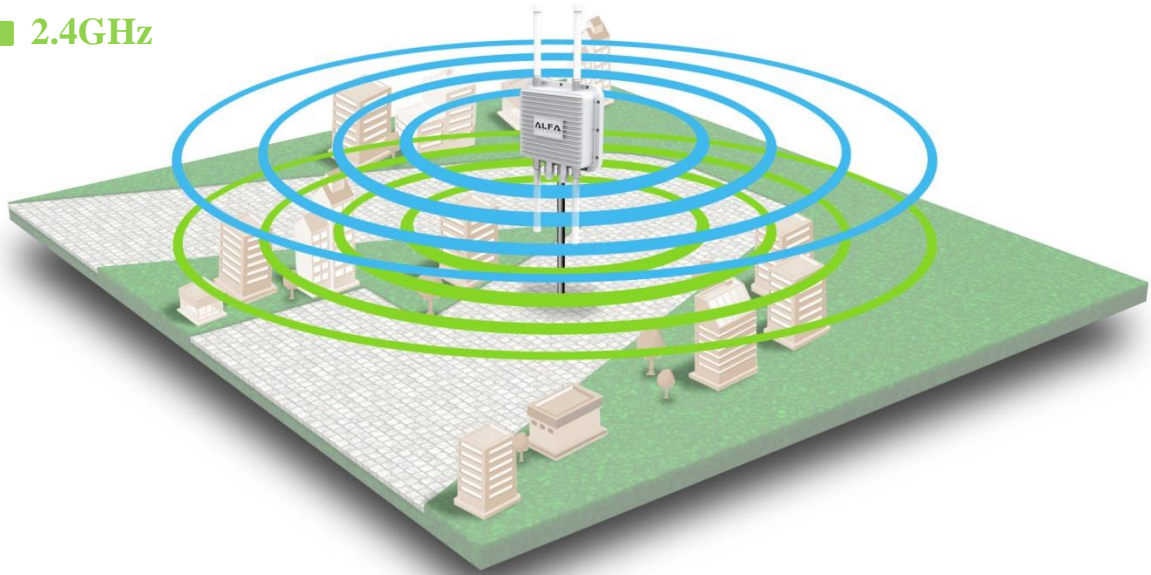
The MatrixPro 2 is the 802.11ac dual-band concurrent outdoor turnkey solution. It operating on 2.4GHz and 5GHz supporting MU-MIMO 2x2 standard allowing to cover large area network and provide intelligent broadband services for users. With WDS point to point and WDS point to multi-point wireless bridge to save infrastructure investments.

The MatrixPro 2 support Gigabit 802.3af PoE allow powered by PoE switch remotely and USB port for GPS/Web Camera/4G modem.

MatrixPro 2

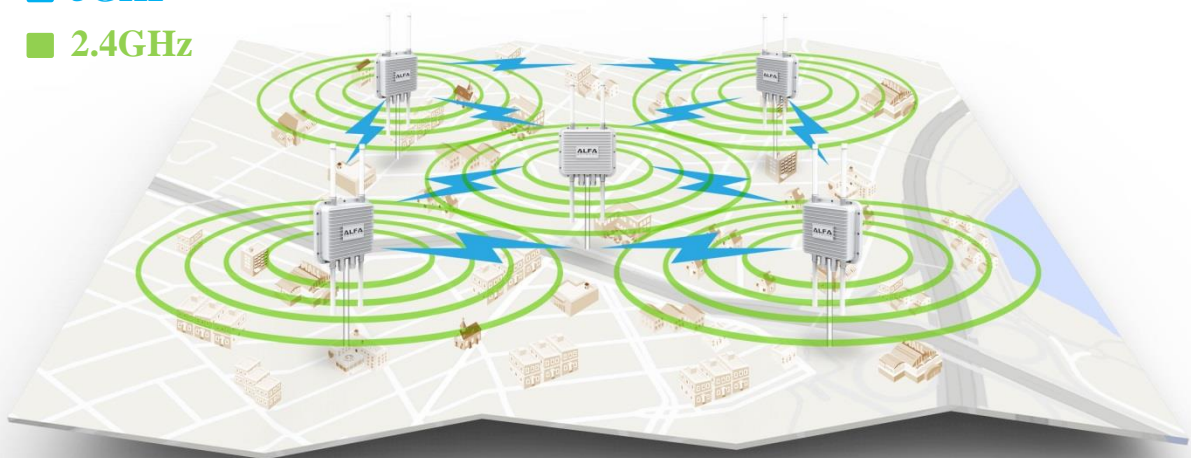
AP Mode

- 5GHz
- 2.4GHz



WDS Point to Point Mode WDS Point to Multi-Point Mode

- 5GHz
- 2.4GHz



MatrixPro 2

Specification

Hardware Spec.			
CPU	IPQ4018 (ARM-7 700MHz)	RAM	DDR3 128MB
Standards	IEEE 802.11ac/a/b/g/n 2.4GHz and 5GHz IEEE 802.3, IEEE 802.3u, IEEE 802.3ab IEEE 802.3af PoE	Temperature	-40°C ~ 70°C
		Humidity	5%~95% (Non-condensing)
Interface	1x 10/100/1000Base-T Gigabit PoE port 1x 10/100/1000Base-T Gigabit LAN 1x USB 2.0 port 1x Reset Button+LED 2x 2.4GHz +5GHz Antenna Connector N female	Power	802.3af Standard PoE
		Power Consumption	9Watt
		Dimension	269 x 239 x 68 mm
		Weight	TBD
Flash	NOR Flash: 16MB NAND Flash: 128MB	Enclosure	IP67 waterproof certified

Radio Spec.	
Frequency	2400 ~ 2485MHz 5150 ~ 5825MHz
Data Rates	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 400Mbps 802.11ac: up to 867Mbps
TX Power	2.4GHz: 24dBm +/- 2dBm 5GHz: 21dBm +/- 2dBm