

Outdoor wireless access point

Meter MW09

Best for: Outdoor coverage such as patios and exposed areas.

Full specifications

Radios	• Wi-Fi 6 (802.11ax)
	• Tri-radio
	  ◦ 5GHz radio
	  ▪ 802.11ax + 802.11ac Wave 2 + 802.11 g/n
	  ▪ 2×2 with two spatial streams
	  ▪ OFDMA + OFDM
	  ▪ Supported channel width: 20MHz, 40MHz, 80MHz
	  ▪ Supports very high throughput (VHT-HE)
	  ◦ 2.4GHz radio (802.11ax)
	  ▪ 802.11ax + 802.11ac Wave 2 + 802.11 g/n
	  ▪ 2×2 with two spatial streams
	  ▪ OFDMA + OFDM
	  ▪ Supported Channel width: 20MHz, 40MHz
	  ▪ Supports very high throughput (VHT40)
	  ◦ 5GHz + 2.4GHz scanning radio
	  ▪ 802.11ac + 802.11 g/n
	  ▪ 1×1 with one spatial stream
	• Dual band operation: 5GHz and 2.4GHz
	• SU-MIMO and MU-MIMO
	• Omnidirectional antenna
	• 2.4 GHz IoT radio

Supported modulations	• 802.11b: BPSK, QPSK, CCK • 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM • 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM • 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
Transmit power (maximum value)	• 2.4GHz: 22dBm • 5GHz: 25dBm • Maximum power is limited by regulatory domain

Supported data rates (Mbps)	• 802.11b: 1, 2, 5.5, 11
	• 802.11a/g: 6, 9, 12, 18, 36, 48, 54
	• 802.11n: 6.5 to 600 (MCS0 to MCS15)
	• 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS=1 ~ 2)
	• 802.11ax:
	  ◦ 2.4GHz: 9 to 574 (MCS0 to MCS11, NSS=1 ~ 2)
	  ◦ 5GHz: 18 to 1201 (MCS0 to MCS11, NSS=1 ~ 2)

Power source	• DC IN 12V • IEEE802.3at or passive 48-54v PoE input (2.5GbE port)
Networking interface	• One (1) 10/100/1000/2500 Mbps BASE-T RJ-45 Ethernet port

DC powering interface	• One (1) DC jack interface
LED indicators	• Tri-color LED displays system and wireless transmission status
Dimension (W × D × H)	• 124 × 190 × 47 mm
IP rating	• IP67
Surge protection	• 1Kv
ESD protection	• Contact: 4KV / Air: 8KV
Operating environment	• Temperature: 0°C ~ 60°C (32°F to 140°F) • Cold storage temperature range coming soon • Humidity: 0% ~ 90% typical
FCC	• Subpart 15 B • Subpart C 15.247 • Subpart E 15.407
CE	• EN 300 328 • EN 301 893 • EN 50385 • EN 55032 • EN 55024