

GOWEX IP66 Outdoor AP Data Sheet



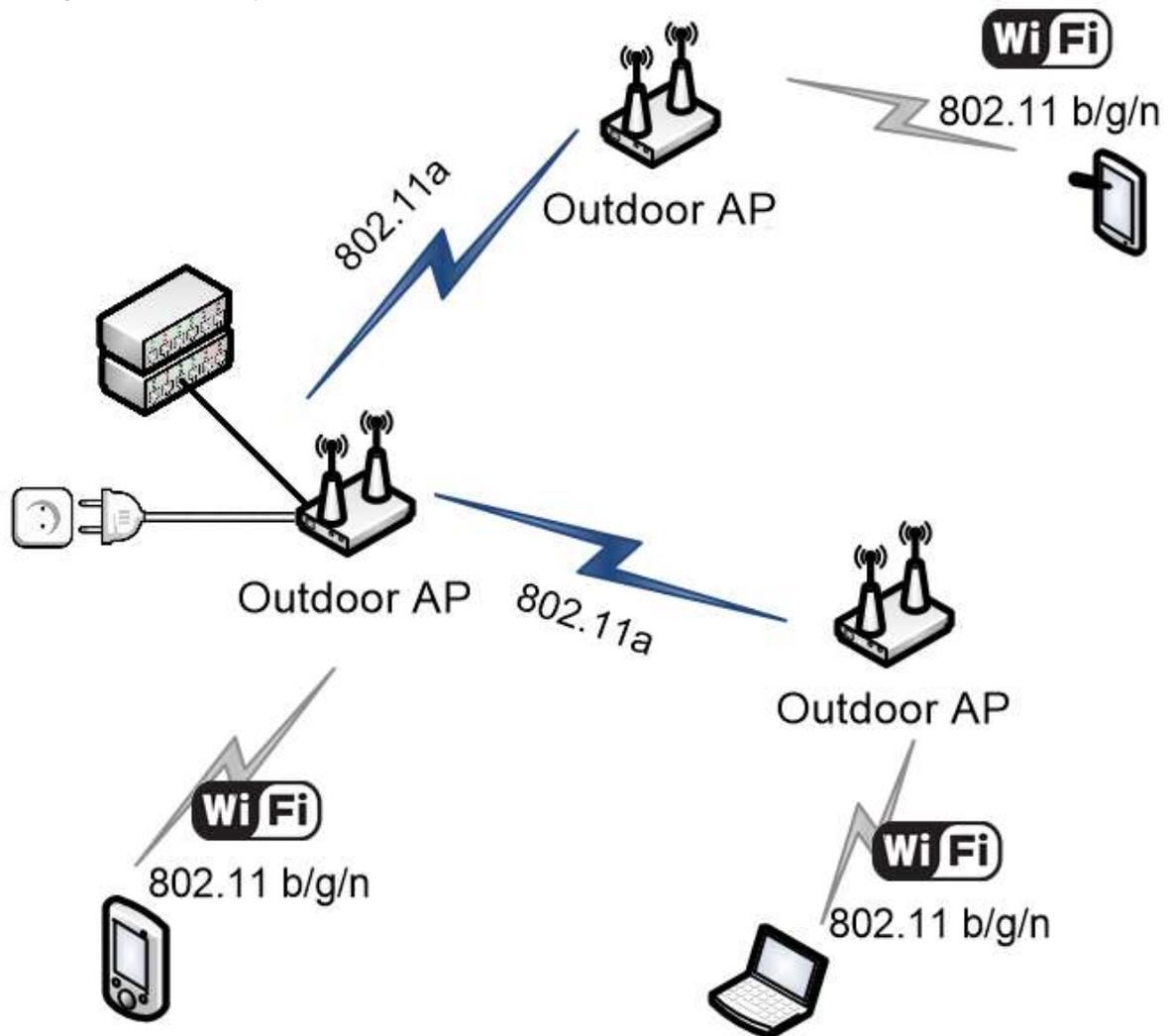
GOWEX Wireless Engineering Department has developed this equipment especially for outdoor use, GOWEX IP66 Outdoor AP provides all-in-a-box solution for outdoor wireless Internet access and smart services.

Using worldwide awarded networking hardware from Mikrotik, GOWEX has created the perfect companion for its patented Roaming and geolocated content and advertising managed platforms.

GOWEX IP66 Outdoor AP comes in a small IP66 enclosure of 260 x 230 x 88mm, whose total weigh is less than 2Kg.

Using the provided aluminium non-flammable case and GOWEX approved fixings, equipment can be easily installed on assets like street lamps, traffic lights or building facades, allowing an operational temperature range from -30°C to +60°C.

Pease ask your GOWEX representative for a demo.



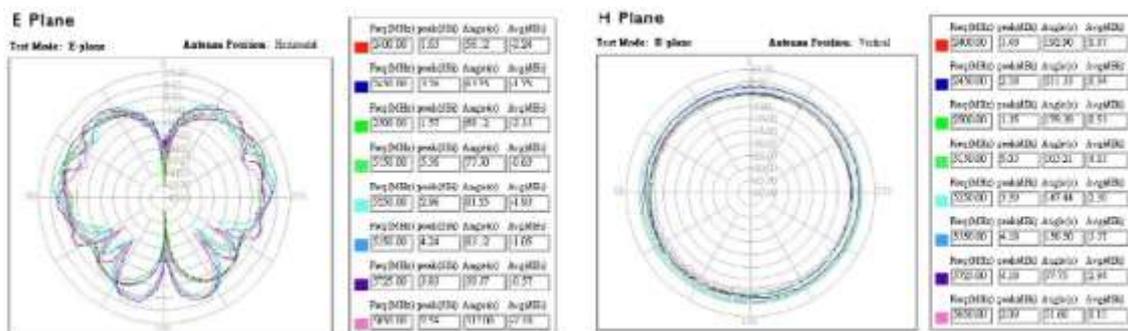
GOWEX IP66 Outdoor AP Data Sheet

CPU	Atheros AR7161-BC1A 680MHz
Memory	128MB DDR SDRAM
Boot loader	RouterBOOT
Operating System	MikroTik RouterOS v3, Level5 license
Data storage	64MB on-board NAND memory chip and microSD
Ethernet	3x 10/100 Mbit/s Ethernet port with Auto-MDI/X
Wireless	1x Atheros AR9223 for 2.4GHz 802.11b/g/n wireless 2x Atheros AR5414 for 5.8GHz 802.11a MESH link
Connectors	1x two-pole female AC connector for 220V powering
	2x N-type female connector for Wireless antennas
	2x N-type female connector for MESH links antennas
Power requirements	100 - 240V ~ 50 – 60 Hz
Power consumption	Up to 10W at full load, typical power is 7.5W
Dimensions	260 x 230 x 88 mm
Weight	Up to 2Kg (typical)

Approvals and Certifications	Complies with R&TTE 1999/EC/05 Directive EN 60950-1:2006 + A11:2009, UL 60950, CSA 22.2 No. 60950 Safety approvals FCC Part 15, EN 55022:2006 + A1:2007, EN 55024:1998 + A1:2001 + A2:2003 and CE Emissions/Immunity approvals
-------------------------------------	--



RX sensitivity	-95 ~ -91 dB @ 802.11b -95 ~ -81 dB @ 802.11g -95 ~ -75 dB @ 802.11n
TX power	20 ~ 21 dBm @ 802.11b 19 ~ 23 dBm @ 802.11g 16 ~ 21 dBm @ 802.11n
Modulations	OFDM: BPSK, QPSK, 16 QAM, 64QAM DSSS: DBPSK, DQPSK, CCK
Antenna gain	7.25 dBi for 2.4 GHz wireless 9 dBi for MESH links



Wireless antenna radiation diagram