

PRODUCT LINE MATRIX : OmniAccess STELLAR WLAN

OmniAccess® STELLAR WLAN

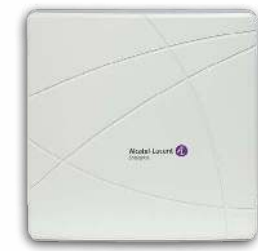


Enterprise WLAN Solution
Customer grade simplicity



www.al-enterprise.com/stellar

Stellar WLAN Models



FEATURE	AP1101	AP1201	AP1201H	AP1221	AP1222	AP1231	AP1232	AP1251
NUMBER OF RADIOS	2	2	2	2	2	3	3	2
SUPPORT BANDS	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz
IFI STANDARDS	802.11a/b/g/n/ac wave 1	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2	802.11a/b/g/n/ac wave 2
RADIO MIMO TYPE	SU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO
INDOOR/OUTDOOR USE	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor
MAX NUMBER OF SSIDS	16	16	16	16	16	24	24	16
MAX NUMBER OF ASSOCIATED CLIENTS (per radio)	128	256	128	256	256	256	256	256
MAX TRANSMIT POWER (per radio chain, MCS0) 2.4 GHz/5 GHz	17dBm/ 20dBm	18dBm/ 18dBm	14dBm/ 18dBm	18dBm/ 18dBm	18dBm/ 18dBm	18dBm/ 18dBm	18dBm/ 18dBm	20dBm/20dBm
ANTENNA PEAK GAIN (2.4 GHz/5 GHz)	3.43dBi/2.56dBi	4.7dBi/4.6dBi	4dBi/6.3dBi	3.61dBi/4.45dBi	NA	4.38dBi/4.47dBi	NA	8.46dBi/6.62dBi
RF CONNECTORS (RF-SMA)	NA	No	No	NA	4	NA	8	NA



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INTEGRATED ANTENNAS	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes
TPM MODULE	No	Yes	No	Yes	Yes	Yes	Yes	Yes
NETWORK INTERFACES	1GE	1GE	1GE uplink + 3GE downlink + 1 pair RJ45 passthrough	1GE	1GE	1GE + 2.5GE	1GE + 2.5GE	1GE + 1GE (IoT)
USB HOST INTERFACE	No	Yes	Yes	Yes	Yes	Yes	Yes	No
BLE	No	Yes, via BLE 5.0	No	Yes, via USB	Yes, via USB	Integrated	Integrated	No
CONSOLE PORT	Yes	Yes	Yes w/USB	Yes	Yes	Yes	Yes	Yes, Micro-USB
POE POWERED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
POE PSE	No	No	Yes	No	No	No	No	No
DC POWER SUPPORT	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	NA
OPERATING TEMP RANGE	0 to 45C	0 to 45C	0 to 45C	0 to 45C	0 to 45C	0 to 40C	0 to 40C	-40C to +65C
STORAGE TEMP RANGE	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +85C
ENCLOSURE TYPE	Plastic	Plastic	Plastic	Plastic + Metal	Plastic + Metal	Plastic + Metal	Plastic + Metal	Plastic + Metal
ENCLOSURE VOLUME (MM)	155 mm (W) X 155 mm (D) X 28 mm (H)	155 mm (W) x 155 mm (D) x 28 mm (H)	95mm (W) x 34.45mm (D) x 161.5mm (H)	180 mm (W) x 180 mm (D) x 36 mm (H)	180 mm (W) x 180 mm (D) x 36 mm (H)	230 mm (W) x 230 mm (D) x 47 mm (H)	230 mm (W) x 230 mm (D) x 47 mm (H)	243mm (W) x 243mm (D) x 85mm (H)
WEIGHT (excluding packing box and accessories)	270 g	310 g	239 g	700 g	700 g	1400 g	1400 g	2230 g
RATING	Plenum	Plenum	Plenum	Plenum	Plenum	Plenum	Plenum	IP67
DEEP PACKET INSPECTION (DPI)	No	Yes	No	Yes	Yes	Yes	Yes	Yes
WIPS/WIDS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LIFETIME WARRANTY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MINIMUM SOFTWARE VERSION	R2.1	R3.0	R3.0	R3.0	R3.0	R3.0	R3.0	R3.0
SHIPS WITH MOUNTING KIT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MAXIMUM POWER CONSUMPTION (excluding USB, PoE PSE)	10 W	11 W	12 W	15,6 W	15.6 W	27.6 W	27.6 W	11.8 W



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