

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	AP1221	AP1222	AP1231	AP1232	AP1251
NUMBER OF RADIOS	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
WIFI 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
RADIO MIMO TYPE	SU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO	MU-MIMO
INDOOR/OUTDOOR USE	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor
MAX NUMBER OF SSIDS	16	16	16	24	24	16
MAX NUMBER OF ASSOCIATED CLIENTS (per radio)	128	256	256	256	256	256
MAX TRANSMIT POWER (per radio chain, MCSO) 2.4 GHz/5 GHz)	17dBm/ 20dBm	18dBm/ 18dBm	18dBm/ 18dBm	18dBm/ 18dBm	18dBm/ 18dBm	20dBm/20dBm
MAX TRANSMIT POWER excluding antenna gain (combined, MCSO) 2.4 GHz/5 GHz)	20dBm / 23dBm	21dBm / 24dBm	21dBm / 24dBm	24dBm / 24dBm	24dBm / 24dBm	23dBm / 23dBm
RF CONNECTORS (RF-SMA)	NA	NA	4	NA	8	NA

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FEATURE	AP1101	AP1221	AP1222	AP1231	AP1232	AP1251
INTEGRATED ANTENNAS	Yes	Yes	NA	Yes	NA	Yes
TPM MODULE	No	Yes	Yes	Yes	Yes	Yes
NETWORK INTERFACES	1GE	1GE	1GE	1GE + 2.5GE	1GE + 2.5GE	1GE + 1GE (IoT)
USB HOST INTERFACE	No	Yes	Yes	Yes	Yes	No
BLE	No	Yes, via USB	Yes, via USB	Integrated	Integrated	No
CONSOLE PORT	Yes	Yes	Yes	Yes	Yes	Yes, Micro-USB
POE POWERED	Yes	Yes	Yes	Yes	Yes	Yes
POE PSE	No	No	No	No	No	No
DC POWER SUPPORT	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	-40C to +65C
STORAGE TEMP RANGE	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +85C
ENCLOSURE TYPE	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)	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	700 g	700 g	1400 g	1400 g	2230 g
RATING	Plenum	Plenum	Plenum	Plenum	Plenum	IP67
DEEP PACKET INSPECTION (DPI)	No	Yes	Yes	Yes	Yes	Yes
WIPS/WIDS	Yes	Yes	Yes	Yes	Yes	Yes
LIFETIME WARRANTY	Yes	Yes	Yes	Yes	Yes	Yes
MINIMUM SOFTWARE VERSION	R2.1	R3.0	R3.0	R3.0	R3.0	R3.0
SHIPS WITH MOUNTING KIT	Yes	Yes	Yes	Yes	Yes	Yes
MAXIMUM POWER CONSUMPTION (excluding USB, PoE PSE)	10 W	15.6 W	15.6 W	27.6 W	27.6 W	11.8 W