

# PRODUCT LINE MATRIX : OmniAccess STELLAR WLAN

OmniAccess®  
STELLAR  
WLAN



**Enterprise WLAN Solution**  
Customer grade simplicity



[www.al-enterprise.com/stellar](http://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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<b>INTEGRATED ANTENNAS</b>	Yes	Yes	Yes	Yes	NA	Yes	NA	Yes
<b>TPM MODULE</b>	No	Yes	No	Yes	Yes	Yes	Yes	Yes
<b>NETWORK INTERFACES</b>	1GE	1GE	1GE uplink + 3GE downlink + 1 pair RJ45 passthrough	1GE	1GE	1GE + 2.5GE	1GE + 2.5GE	1GE + 1GE (IoT)
<b>USB HOST INTERFACE</b>	No	Yes	Yes	Yes	Yes	Yes	Yes	No
<b>BLE</b>	No	Yes, via BLE 5.0	Yes, via USB	Yes, via USB	Yes, via USB	Integrated	Integrated	No
<b>CONSOLE PORT</b>	Yes	Yes	Yes w/USB	Yes	Yes	Yes	Yes	Yes, Micro-USB
<b>POE POWERED</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>POE PSE</b>	No	No	Yes	No	No	No	No	No
<b>DC POWER SUPPORT</b>	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	NA
<b>OPERATING TEMP RANGE</b>	0 to 45C	0 to 45C	0 to 45C	0 to 45C	0 to 45C	0 to 40C	0 to 40C	-40C to +65C
<b>STORAGE TEMP RANGE</b>	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +70C	-40C to +85C
<b>ENCLOSURE TYPE</b>	Plastic	Plastic	Plastic	Plastic + Metal	Plastic + Metal	Plastic + Metal	Plastic + Metal	Plastic + Metal
<b>ENCLOSURE VOLUME (MM)</b>	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)
<b>WEIGHT (excluding packing box and accessories)</b>	270 g	310 g	239 g	700 g	700 g	1400 g	1400 g	2230 g
<b>RATING</b>	Plenum	Plenum	Plenum	Plenum	Plenum	Plenum	Plenum	IP67
<b>DEEP PACKET INSPECTION (DPI)</b>	No	Yes	No	Yes	Yes	Yes	Yes	Yes
<b>WIPS/WIDS</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>LIFETIME WARRANTY</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>MINIMUM SOFTWARE VERSION</b>	R2.1	R3.0	R3.0	R3.0	R3.0	R3.0	R3.0	R3.0
<b>SHIPS WITH MOUNTING KIT</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>MAXIMUM POWER CONSUMPTION (excluding USB, PoE PSE)</b>	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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