

**BASE-590A****BASE 5Ghz 5Km MIMO 802/11A/N/AC D. POL**

MIMO 2x2 high-power base station (30 dBm) with IEEE 802.11a/n/ac technology. Recommended coverage (max.) 5 km. Built-in 18 dBi 90-degree dual polarised sector antenna, interface 1 x 1000 Base-T (24 V passive PoE). Equipped with 750 MHz CPU QCA 9563, a radio QCA 9882 and 64 MB RAM/16 MB flash memory. Plus 500 Mbps throughput. Integrated protection against overloads allows operation in adverse weather conditions and unstable electrical installations. Pole mounting backplate included, with both vertical and horizontal tilt angle. Passive 24 V DC PoE power supply (the 24 Vdc adapter is supplied), consumption 10 W. Dimensions H: 380 mm, L: 100 mm, D: 35 mm. Operating temperature -40°C (-40°F) ~ +65°C (+149°F), 90% RH.



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MAIN FEATURES

Absorption	10W
Type of power supply	External power supply
Standard radio transmission	5 GHz (IEEE 802.11 a/n/ac)
Built-in antenna	Yes
Antenna gain (dBi) (dB)	18
Interface type	
Operating frequency (GHz)	5.15 ÷ 5.85
Available bandwidth (Mbit/s)	500
OFDM modulation	BPSK, QPSK, 16 QAM, 64 QAM, TDMA
Maximum transmission power (dBm) (dB)	30
Angle of coverage	90°

GENERAL DATA

Height (mm)	300
Width (mm)	100
Depth (mm)	35
Product weight (g)	460
Type of finishing materials	ABS
Product color	White
Operating temperature (°C)	-40 ÷ 65
Operating humidity (RH max) (%)	0 ÷ 90
Supplied accessories	Power supply