

Code: NS-5ACL

ACCESS POINT **NS-5ACL** UBIQUITI

Net: **61.34 EUR** Gross: **61.34 EUR**



The UBIQUITI NanoStation NS-5ACL is a device working in airMAX ac (MIMO TDMA) standard.

The radio and antenna with 13dBi gain are combined into a single compact body. The device is high efficient Customer Premises Equipment (CPE).

The airMAX ac products supports up to 450 Mbps real TCP/IP throughput - up to triple the throughput of standard airMAX products.

SPECIFICATION

Frequency range:	5150 MHz ... 5875 MHz
Antenna type:	MIMO TDMA 13 dBi Integrated
Polarization:	vertical/horizontal
Standards:	• IEEE 802.11a • IEEE 802.11n • IEEE 802.11ac
VSWR:	max. 1.8 : 1
LAN ports:	1 x 10/100/1000 Mbps
Receiver sensitivity:	• -96 dBm $\pm$ 2 dB @ 1 x BPSK (1/2) • -95 dBm $\pm$ 2 dB @ 2 x QPSK (1/2) • -92 dBm $\pm$ 2 dB @ 2 x QPSK (3/4) • -90 dBm $\pm$ 2 dB @ 4 x 16-QAM (1/2) • -86 dBm $\pm$ 2 dB @ 4 x 16-QAM (3/4) • -83 dBm $\pm$ 2 dB @ 6 x 64-QAM (2/3) • -77 dBm $\pm$ 2 dB @ 6 x 64-QAM (3/4) • -74 dBm $\pm$ 2 dB @ 6 x 64-QAM (5/6) • -69 dBm $\pm$ 2 dB @ 8 x 256-QAM (3/4) • -65 dBm $\pm$ 2 dB @ 8 x 256-QAM (5/6)
Operating system:	AirOS
Operation modes:	Access Point - Point to Point, Access Point - Point to Multi Point, Station - Point to Point, Station - Point to Multi Point
Protections:	Overvoltage protection $\pm$ 24 kV Contact/Air (ESD/EMP)

Transmitter power:	• 25 dBm $\pm$ 2 dB @ 1 x 8PSK (1/2) • 25 dBm $\pm$ 2 dB @ 2 x Mbps QPSK (1/2) • 25 dBm $\pm$ 2 dB @ 2 x QPSK (3/4) • 25 dBm $\pm$ 2 dB @ 4 x 16-QAM (1/2) • 25 dBm $\pm$ 2 dB @ 4 x 16-QAM (3/4) • 25 dBm $\pm$ 2 dB @ 6 x 64-QAM (2/3) • 24 dBm $\pm$ 2 dB @ 6 x 64-QAM (3/4) • 23 dBm $\pm$ 2 dB @ 6 x 64-QAM (5/6) • 21 dBm $\pm$ 2 dB @ 8 x 256-QAM (3/4) • 21 dBm $\pm$ 2 dB @ 8 x 256-QAM (5/6)
Horizontal beam width (H):	45 °
Vertical beam width (V):	45 °
Memory:	64 MB DDR2
Processor:	Atheros MIPS 74KC, 560MHz
Power supply PoE:	✓
Power supply:	24 V / 0.5 A - Gigabit PoE (power adapter not included)
Power consumption:	7 W
Operation temp:	-40 °C ... 70 °C
Permissible relative humidity:	5 % ... 95 %
Main features:	• Management Radio 2.4GHz - Management and configuration of the device via Wi-Fi • Throughput up to 450 Mbps • Range up to 10+ km • Channel bandwidths 10/20/30/40/50/60/80 MHz • Extra radio module for device management • The device is designed to work both inside and outside the building • Very easy and quick installation without any tools • It has a tight and UV-resistant housing
Weight:	0.177 kg
Dimensions:	179 x 78 x 59 mm
Manufacturer / Brand:	UBIQUITI
Guarantee:	2 years

PRESENTATION

Bottom view (after remove the cover):



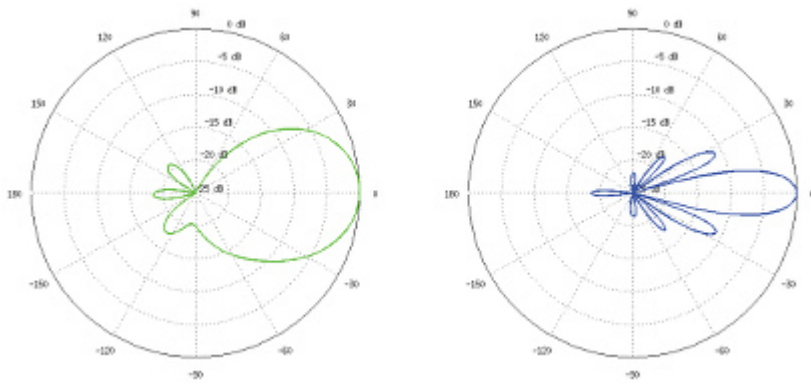
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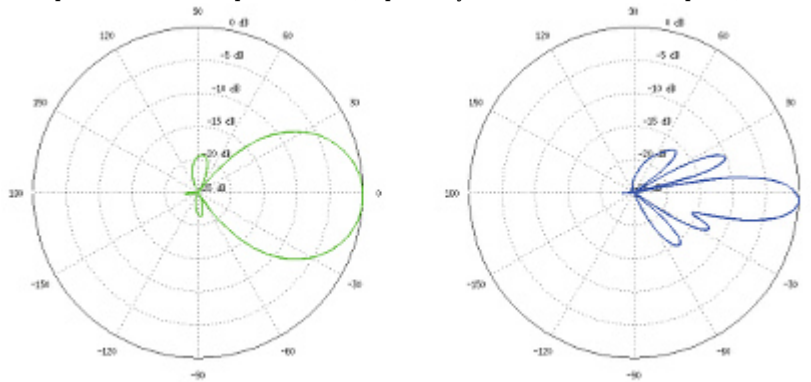
Mounting side view:



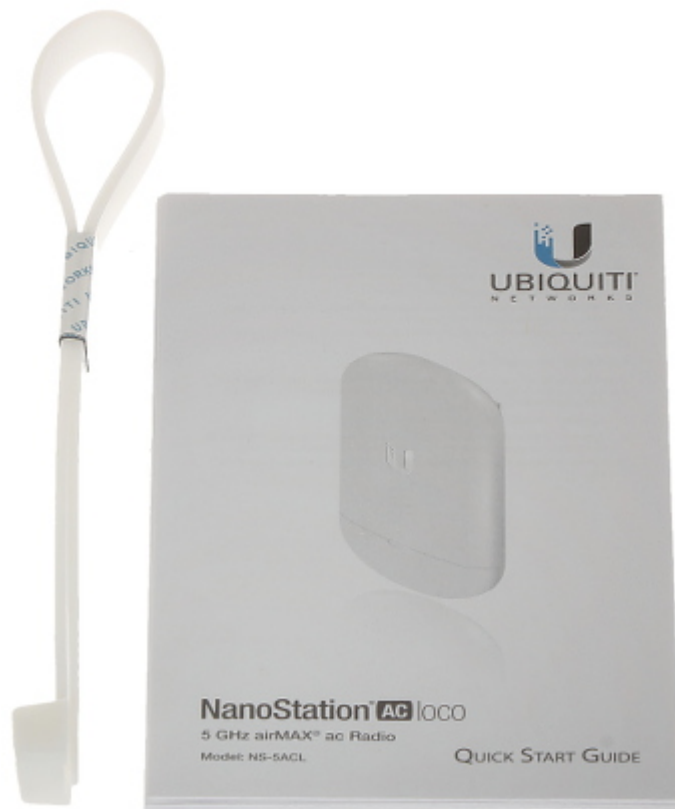
Polar pattern for horizontal polarization (respectively horizontal and vertical plane):



Polar pattern for vertical polarization (respectively horizontal and vertical plane):



In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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