

Code: NANOSTATION-M5

## ACCESS POINT **NANOSTATION-M5** UBIQUITI



The UBIQUITI NanoStation NANOSTATION-M5 is a device working in 2x2 MIMO (Multiple Input Multiple Output) standard.

Using new bi-polarization antenna with 16dBi gain and MIMO standard operation allow to establish more efficient links (up to 150 Mbps) for distance up to 15 km.

The NANOSTATION-M5 is additionally equipped with 2 LAN ports, which one provides PoE supply function (PoE Output), and the other allows to access the next device to the network without the use of additional switches.

|                       |  |
|-----------------------|--|
| Frequency range:      | 5470 MHz ... 5825 MHz  |
| Antenna type:         | 2Tx 2Rx MIMO<br>16 dBi Integrated  |
| Polarization:         | vertical/horizontal  |
| Standards:            | <ul style="list-style-type: none"> <li>• IEEE 802.11a</li> <li>• IEEE 802.11n</li> </ul>   |
| VSWR:                 | 1.6 : 1  |
| LAN ports:            | 2 x 10/100 Mbps BASE-TX (Cat. 5, RJ-45)  |
| Receiver sensitivity: | <ul style="list-style-type: none"> <li>• -94 dBm @ 6 ... 24 Mbps</li> <li>• -80 dBm @ 36 Mbps</li> <li>• -77 dBm @ 48 Mbps</li> <li>• -75 dBm @ 54 Mbps</li> </ul> |
| Operating system:     | AirOS  |
| Operation modes:      | Station, Station WDS, Access Point Access Point WDS  |
| Protections:          | 15kV surge protection of radio line  |
| Transmitter power:    | <ul style="list-style-type: none"> <li>• 27 dBm @ 6 ... 24 Mbps</li> <li>• 25 dBm @ 36 Mbps</li> <li>• 23 dBm @ 48 Mbps</li> <li>• 22 dBm @ 54 Mbps</li> </ul>     |





# DATA SHEET

|                                |                                       |
|--------------------------------|---------------------------------------|
| Horizontal beam width (H):     | 43 °                                  |
| Vertical beam width (V):       | 41 °                                  |
| Memory:                        | 32 MB SDRAM, 8 MB FLASH               |
| Processor:                     | Atheros MIPS 24KC, 400MHz             |
| Power supply PoE:              | ✓                                     |
| Power supply:                  | 24 V / 0.5 A (power adapter included) |
| Operation temp:                | -30 °C ... 75 °C                      |
| Permissible relative humidity: | 5 % ... 95 %                          |
| Weight:                        | 0.3 kg                                |
| Dimensions:                    | 278 x 80 x 59 mm                      |
| Manufacturer / Brand:          | UBIQUITI                              |
| Guarantee:                     | 2 years                               |