

Hot Spot Mesh Series

High Power AP Router 2.4GHz WAN/LAN

1000mW great to mesh network coverage

~~~ AP Router ~~~

Mass Area wireless mesh

POE easy installation

MIMO multi in multi out

2.4GHz broadband 802.11b/g/n



Model: nAP2410-A05MM

#### \*architecture



#### \*feature

- IEEE 802.11b/g/n , 2.4GHz
- 1000mW WiFi powerful
- 2T2R MIMO 300Mbps
- Integrated 2x5dB path power
- High power 1000mW
- Two POE port for IP camera and Hot Spot
- Both of DC power and POE DC12V 1.5A
- Configuration and management operated via Web browser
- Browser with password protected and firmware upgrade
- Gateway, Bridge, and WISP mode for wireless networks
- Supports 64/128-bit WEP, WPA, WPA2

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MODEL                   | AP Router : nAP2410-A05MM                                                                                                                                                                                                                                                                                                                                                                    |
| Standards               | <ul style="list-style-type: none"> <li>• IEEE 802.1d (Spanning Tree Protocol)</li> <li>• IEEE 802.11b (11 Mbps Wireless LAN)</li> <li>• IEEE 802.11g (54 Mbps Wireless LAN)</li> <li>• IEEE 802.11n Draft 2.0 (300 Mbps Wireless LAN)</li> <li>• IEEE 802.1x (Network Access Control)</li> <li>• IEEE 802.3 (10Base-T Ethernet)</li> <li>• IEEE 802.3u (100Base-TX Fast Ethernet)</li> </ul> |
| General                 | <ul style="list-style-type: none"> <li>• Ethernet port: 5 x RJ45 10/100 Mbps data port; one WAN and 4 LAN interface</li> <li>• Flash: 2 MB / Memory: 16 MB SDRAM</li> <li>• Reset Key</li> </ul>                                                                                                                                                                                             |
| Frequency range         | <ul style="list-style-type: none"> <li>• 2.400 - 2.483 GHz</li> </ul>                                                                                                                                                                                                                                                                                                                        |
| Modulation technologies | <ul style="list-style-type: none"> <li>• 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK</li> <li>• 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM</li> <li>• 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM</li> </ul>                                                                       |
| Data rates              | <ul style="list-style-type: none"> <li>• IEEE 802.11b , 11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps</li> <li>• IEEE 802.11g<br/>54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 / 9 / 6 Mbps)</li> <li>• IEEE 802.11n (up to 300 Mbps)</li> </ul>                                                                                                                                                      |
| Output power            | <ul style="list-style-type: none"> <li>• 802.11b: 28 dBm +/- 1.5 dBm @11 Mbps</li> <li>• 802.11g: 23 dBm +/- 1.5 dBm @54 Mbps</li> <li>• 802.11n: 23 dBm +/- 1.5 dBm @300 Mbps</li> </ul>                                                                                                                                                                                                    |
| Receiver sensitivity    | <ul style="list-style-type: none"> <li>• 11b (11 Mbps) CCK: -91 dBm</li> <li>• 11g (54 Mbps)OFDM: -73 dBm;</li> <li>• 11n (300 Mbps) MCS0-15: -73 dBm</li> </ul>                                                                                                                                                                                                                             |
| Operation modes         | <ul style="list-style-type: none"> <li>• Gateway mode</li> <li>• Bridge mode</li> <li>• WISP mode</li> </ul>                                                                                                                                                                                                                                                                                 |
| Wireless security       | <ul style="list-style-type: none"> <li>• WEP encryption (64/128 bit)</li> <li>• WPA TKIP</li> <li>• WPA2 AES</li> <li>• WPA2 mixed</li> <li>• 802.1x Authentication</li> <li>• Client access control through media access control (MAC) filter</li> </ul>                                                                                                                                    |
| Antenna                 | <ul style="list-style-type: none"> <li>• Two 5dBi dipole antenna</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| LEDs                    | <ul style="list-style-type: none"> <li>• Power</li> <li>• LAN Link/Act</li> </ul>                                                                                                                                                                                                                                                                                                            |
| POE Power over Ethernet | <ul style="list-style-type: none"> <li>• WAN &amp; Lan1 / DC 12V 1.5A</li> </ul>                                                                                                                                                                                                                                                                                                             |
| Environmental           | <ul style="list-style-type: none"> <li>• Enclosure : Metal</li> <li>• Operating temperature: -10°C ~ +70°C</li> <li>• Operating humidity: 10 - 95% RH, non-condensing</li> <li>• Dual Power auto exchange : Adaptor or POE / DC12V 1.5A</li> </ul>                                                                                                                                           |
| Dimension               | <ul style="list-style-type: none"> <li>• 156(L) x 87(W)x 27(H)mm, 388g , Screw hold 146mm</li> </ul>                                                                                                                                                                                                                                                                                         |

Specification is subject to change without prior notification.