ALLNET
ALL02880ND

300Mbit Wireless N Dual Band AccessPoint / Bridge / Repeater with GBit and PoE

- Concurrent Dual Band 2.4 and 5 GHz Wireless N
- Long-Range Coverage 29 dBm for 2.4 GHz, 26 dBm for 5 GHz
- Several modes: Access Point, WDS Bridge, WDS Access Point, Universal Repeater, Multiple BSSID
- Supports 802.1q SSID-to-VLAN tagging
- WPS, WDS and QoS(WMM)
- Secure wireless communication with WEP/WPA/WPA2/802.1X
- Power input via external power supply or Power over Ethernet

Art.-Nr. 104001

Note: Product specification is subject to change without notice

The ALLNET ALL02880ND is a High Power, Long-Range concurrent dual band 2.4 / 5 GHz Wireless-N Indoor Access Point that features high transmit RF power (29 dBm on 2.4GHz and 26 dBm on 5GHz). With wireless speeds up to 300Mbps on each radio and a Gigabit port for connecting to a switch or router it's ideal for expanding a network with additional bandwidth to support additional users.

The ALL02880ND can be configured to operate in several modes – as a dual band Wireless-N Access Point, a WDS Access Point, WDS Bridge or Repeater. It operates concurrently in the 2.4GHz and 5GHz frequency spectrums supporting 802.11a/b/g/n standards. More Features like multiple SSID's, each SSID can be tagged to a VLAN, Spanning Tree, QoS (WMM), WPA/WPA2 PSK/EAP and 802.1X RADIUS rounds off the range. Certainly supports the ALL02880ND PoE IEEE 802.3at/af.

Item	Specification
Standards:	IEEE 802.11a/b/g/n
Frequency Bands:	concurrent 2.4 and 5 GHz: Radio I: 11b/g/n: 2.412~2.484 GHz Radio II: 11a/n: 5.18-5.24 and 5.26-5.32 and 5.5-5.7 and 5.745-5.825 GHz
Modulations:	OFDM: BPSK, QPSK, 26-OAM, 64-QAM, DBPSK, DQPSK, CCK
Antenna:	Four (4) External 5 dBi Omni-Directional Antennas
Data Rate:	Up to 300 Mbps in both frequency bands
Memory:	64MB / 8MB Flash
Receiver Sensitivity:	802.11n (5 GHz) -94dBm @ MCS0 -76dBm @ MCS7 -91dBm @ MCS8 -73dBm @ MCS15 802.11n (2.4 GHz) -95dBm @ MCS0 -77dBm @ MCS7 -91dBm @ MCS8 -75dBm @ MCS15 802.11a (5 GHz) -95dBm @ 6Mbps -80dBm @ 54Mbps 802.11b (2.4 GHz) -95dBm @ 1Mbps -91dBm @ 11Mbps

Item	Specification
Available Transmit Power:	(Max. Power may be different depending on local regulations) 802.11n (5 GHz) 27dBm @ MCS0~2/MCS8~10 26dBm @ MCS3/MCS11 25dBm @ MCS4/MCS12 23dBm @ MCS5/MCS13 22dBm @ MCS6/MCS14 21dBm @ MCS7/MCS15 802.11n (2.4 GHz) 27dBm @ MCS0~2/MCS8~10 27dBm @ MCS3/MCS11 26dBm @ MCS4/MCS12 25dBm @ MCS5/MCS13 24dBm @ MCS6/MCS14 23dBm @ MCS7/MCS15 802.11a (5 GHz) 26dBm @ 6~24Mbps 25dBm @ 36Mbps 23dBm @ 48Mbps 21dBm @ 54Mbps 802.11b (2.4 GHz) 7dBm @ 1~11Mbps
Wireless Features	
Operation Modes:	Access Point / Client Bridge / WDS / Repeater
WDS Detail:	WDS AP WDS bridge WDS station
Security:	WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) 802.1X RADIUS Authenticator: MD5/TLS/TTLS, PEAP SSID broadcast enable/disable MAC Address Filtering, up to 50 field L2 Isolation (Access Point mode)
QoS (Quality of Service):	WMM (Wireless Multimedia)
SSID-to-VLAN Tagging:	Supports 802.1q SSID-to-VLAN tagging
Spanning Tree:	Supports 802.1d Spanning Tree Protocol
VPN:	Pass-through (PPTP, L2TP, IPSec)

Item	Specification
Interfaces:	1x 10/100/1000 Gigabit Ethernet Port 1x Reset Button 1x Power Connector 1x Power Switch
Power Input:	External Power Adapter DC IN, 12V / 2A
Power-over-Ethernet:	IEEE 802.3at/af support
LED Indicator:	1x Power 1x WPS 1x WLAN (Wireless Connection) 1x LAN
Case:	plastic case
Dimension:	Height/Length/Width: 29 x 186 x 140 mm Weight: 530 Gramm (only Device)
Einvironment:	Temperature operarting: 0 ~ 50 °C Humidity operating: 10% ~ 90% (non-condensing) Temperature storage: -20 ~ 60 °C Humidity storage: 30% ~ 90% (non-condensing)
Mark:	CE
Package Content:	1x ALL02880ND Dual Band Indoor Access Point/Client Bridge 1x 12V/2A Power Adapter 1x RJ-45 Ethernet Cable 2x 2.4 GHz Detachable Antenna 2x 5 GHz Detachable Antenna 1x Quick Installation Guide 1x CD with User Manual 1x Wall Mount Screw kit

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