

DH-N3

N300 Wireless Router



- Complies with the IEEE 802.11b/g/n standard. The wireless speed reaches up to 300 Mbps for IEEE 802.11n, allowing smooth internet access.
- 1 × WAN port and 2 × LAN ports that expand wireless coverage.
- Two external antennas offer a wider signal coverage.
- Automatically selects unoccupied channels.
- Easily connects to the wireless network by just the press of the eSync button.



Series Overview

Driven by 11N wireless technology, Wireless Router DH-N3 has a wireless transmission speed that is up to 300 Mbps and provides multiple devices with internet access. It also has 2 LAN ports that can connect to devices such as the cable box, computer and surveillance camera and is highly suitable for small scale applications.

Functions

Optimization of Channel Selection

The system automatically selects unoccupied channels to transmit data through when wireless function is enabled.

WPA3 Encryption

Adopts 192-bit CNSA (Commercial National Security Algorithm) to prevent brute force attacks on the password. The architecture of the security system also improves the privacy and security of wireless connections, and is strong against network attacks.

WPS Connection

Devices can be easily connected to the wireless network through the webpage or by the WPS buttons being pressed.

300 Mbps Wireless Speed

Complies with the IEEE802.11a/b/n standard and the wireless speed reaches up to 300 Mbps, allowing smooth internet access.

Scene

Suitable for use in homes and small stores.

Technical Specification	
Hardware	
Function Slots	1× 10/100 Mbps WAN Port 2 × 10/100 Mbps LAN Port
External Port	No
Button	1×eSync Button 1×Reset Button
Power Supply	5 VDC , 1 A
Memory	DDR 64 MB
Indicator Light	1 × SYS
Performance	
Wireless Standard	2.4 GHz: IEEE 802.11b/g/n
Recommended Video Channels	15-ch 4-MP IPC
Wireless Transmission Rate	2.4 GHz : 300Mbps
Operating Frequency	2.4 GHz: 2.400 GHz–2.484 GHz
Channel Width	2.4 GHz: 20/40MHz
Max. Output Power	CE EIRP: ≤20 dBm@2400-2483.5 MHz
Transmission Distance	15 m (49.21 ft)
Optimal Transmission Distance	7 m (22.97 ft)
Connected Wireless Terminals	2.4 GHz : 32
Function	
Equipment Management	WEB
Network Protocol	HTTP;HTTPS;TCP/ IP;IPv4;UDP;NTP;DHCP;DNS;IPv6;ICMP;ARP;TCP;WMM; 802.11b;802.11g;802.11n
Network Access	PPPoE; Dynamic IP; Static IP
Operating Mode	Wireless Router Mode Wireless Relay Mode (Client+AP)
Encryption Mode	WPA; WPA2; WPA3; WPA/WPA2; WPA2/WPA3
Security Mechanism	MAC filtering; HTTPS
OFDMA	Yes
MU-MIMO	No
DHCP	Yes
NAT	Port mapping
VPN	No
QoS	No
DDNS	No
MESH	No
Firmware Update	Web update
Software	Device Management: Quick Setup Wizard; System Management; System Log; Factory Reset; Backup

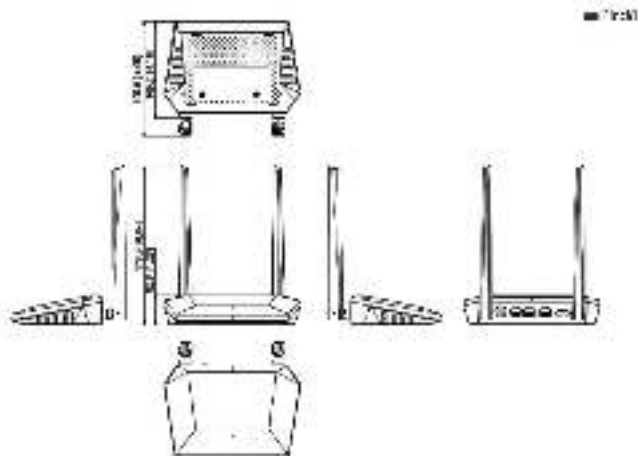
	Config; Config Restore; DMZ; Port Mapping; Diagnosis&Restart; Smart Control of LED RF Management: Wireless mode settings; Wireless bandwidth settings; Wireless channel settings; Transmission power settings; SSID Broadcast Network Type: Guest Wi-Fi; Host Wi-Fi; Wireless timing; End Device Management: WLAN MAC address filtering; Parental Control; End Device Name Config
General	
Power Consumption	Full load: 4.8 W Idling: 1.8 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	−40 °C to +70 °C (−40 °F to +158 °F)
Operating Humidity	10%–90% (RH), non-condensing
Net Weight	0.12 kg (0.26 lb)
Gross Weight	UK: 0.43 kg (0.94 lb) EU: 0.41 kg (0.90 lb) US: 0.41 kg (0.90 lb)
Product Dimensions	149 mm × 126 mm × 174 mm (5.87" × 4.96" × 6.85")(L × W × H)
Packaging Dimensions	UK: 244 mm × 207 mm × 65 mm (9.61" × 8.15" × 2.56") (L × W × H) EU: 245 mm × 208 mm × 46 mm (9.65" × 8.19" × 1.81") (L × W × H) US: 245 mm × 208 mm × 46 mm (9.65" × 8.19" × 1.81") (L × W × H)
Statics Protection	Air discharge: 8 kV Contact discharge: 4 kV
Lightning Protection	Common mode: 2 kV Differential mode: 1 kV
Installation	Desktop mount
Certifications	CE
Packing List	1 × Device 1 × Power Adapter 1 × Quick Start Guide 1 × Legal and Regulatory Information 1 × Network Cable

Ordering Information		
Type	Model	Description
Wireless Router	DH-N3	N300 Wireless Router

Installation



Dimensions (mm[inch])



Panels

