



DS-3WF03C-D Outdoor Wireless Bridge

Features and Functions

- High performance 802.11n 2x2 MIMO chip
- Longest transmission range: 3Km, and max transmission throughput: 300Mbps
- Integrated XTrans technology, including TDMA, intelligent rate control, Auto ACK Time-out adjust
- TDMA solves the problems of hidden-node problem in the 802.11 network, thus having better long-distance and PTMP performance
- 5 operation mode: Access Point, Station, WDS Access Point, WDS Station, WDS Repeater
- Point-to-point, point-to-multipoint connection
- Unique RF and antenna design enables long-range transmission
- Wireless multimedia optimization technology guarantees video/audio transmission QoS
- Web based working scenario selection makes the installation and setting much easier
- Reliable PoE power supply, support 802.3af standard
- Web-based configuration, easy to use
- Waterproof housing and accessory kit protects



Specifications

Items		Specifications
Wireless	Standard	IEEE802.11 a/n(2T2R 300Mbps)
	Operation frequency	5745 to 5825MHz(More Non-standard channels is availability, the range: 4920MHz to 6100MHz)
	Modulation mode	802.11 a/n: OFDM
	Antenna	Internal, Gain 15dBi, H:40° V:15°
	Output power	27dBm
	Receive sensitivity	-74dBm@65Mbps, -96dBm@6Mbps
	Data rate	11n:13.5/15/27/30/40.5/45/54/60/81/90/108/120/121.5/135/150/162/180/216/240/270/300 Mbps(40MHz) 130/117/104/78/65/58.5/52/39/26/13/6.5Mbps(20MHz) 11a :54/48/36/24/18/12/9/6Mbps(Auto)
Hardware	Power supply	24V/0.5A PoE
	Interface	PoE×1+LAN×1
	Operation temperature	-30°C to +75°C (-22°F to +167°F)
	Storage temperature	-40°C to +85°C (-40°F to +185°F)
	Operation humidity	5% to 95%RH non-condensing
	Dimensions	270×40×88 mm (10.6×1.57×3.46 inch)
Software	Encryption	802.1x/WPA-PSK/WPA2-PSK
	Network mode	Router/Bridge
	Operation mode	Access Point, Station, WDS Access Point, WDS Station
	Security	IP/MAC filter, SSID hidden
	Network protocol	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	TDMA	Supported (Avoid 802.11 hidden-node problems, and improve the point-to-multi-point performance)
	Auto ACK timing adjust	Supported(It can automatically choose optimized parameter in long distance transmission,keep the performance always the best)
	Management and Logs	NTP, Syslog, Telnet, AC
	Web based configuration	Supported
	Firmware update	Support update firmware by Web page
Bandwidth supported	5M/10M/20M/40MHz	

Physical Interfaces



Index	Description	Index	Description
1	Reset button	3	PoE interface
2	LAN interface		

Distributed by



Available Model

DS-3WF03C-D

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