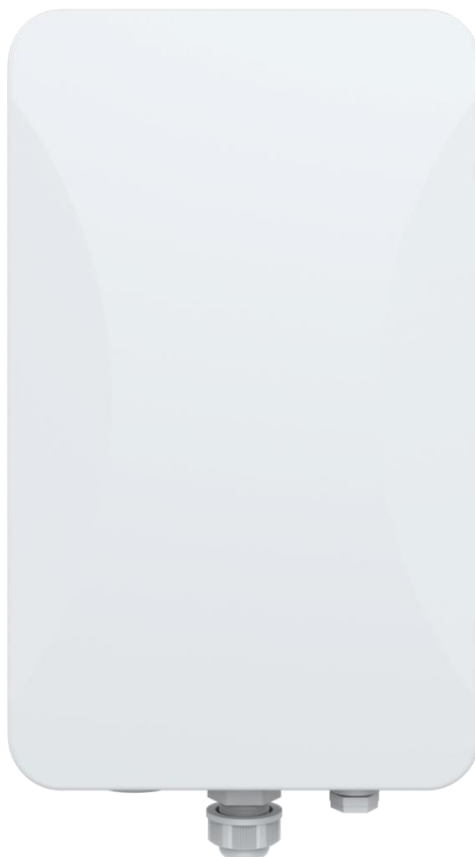


11ax 3000Mbps Ceiling Wireless AP

Model: GNT-AP835F



Short Specification

GNT-AP835F is a high-performance dual-band 802.11AX product that provides 2.4G and 5.8GHz dual-band wireless services. 2.4G provides a maximum access rate of 574Mbps, and 5G provides a maximum access rate of 2402Mbps.

Main Features:

- It has better transmission quality and higher transmission rate. The concurrent rate of the whole machine can reach up to 3000Mbps.
- Support hardware watchdog function, automatic recovery of abnormal equipment, maintenance-free.
- Elegant appearance design, hidden port housing, beautiful wiring.
- The addition of lightning protection board components greatly enhances the protection capability of the equipment.

Hardware Specification

Model	GNT-AP835F				
CPU	MT7981B+MT7976DA+GPY211				
Flash	SPI NOR 16MB				
DDR3	256M				
2.4G Frequency	2.4GHz – 2.484GHz				
2.4G Protocol	802.11 b / g / n/ac /ax				
5G Frequency	5.150GHz ~ 5.825GHz				
5G Protocol	802.11 a / n / ac /ax				
Dual Band Antenna	4*4dBi				
Data Rate	2.4G: 574Mbps; 5G: 2402Mbps				
2.4G TX Power	802.11b	11M	22±2dBm	1M	22±2dBm
	802.11g	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11ax HT20	MCS11	16±2dBm	MCS0	20±2dBm
	802.11ax HT40	MCS11	16±2dBm	MCS0	20±2dBm
5G TX Power	802.11a	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	18±2dBm	MCS0	20±2dBm
	802.11n HT40	MCS7	18±2dBm	MCS0	20±2dBm
	802.11ac HT20	MCS7	17±2dBm	MCS0	20±2dBm
	802.11ac HT40	MCS7	17±2dBm	MCS0	20±2dBm
	802.11ac HT80	MCS9	17±2dBm	MCS0	19±2dBm
	802.11ax HT20	MCS11	16±2dBm	MCS0	20±2dBm
	802.11ax HT40	MCS11	16±2dBm	MCS0	20±2dBm
	802.11ax HT80	MCS11	16±2dBm	MCS0	19±2dBm
	802.11ax HT160	MCS11	14±2dBm	MCS0	18±2dBm
2.4G Receiving Sensitivity	802.11b	11M	-87dBm	1M	-96dBm
	802.11g	54M	-75dBm	6M	-93dBm
	802.11n HT20	MCS7	-73dBm	MCS0	-92dBm

	802.11n HT40	MCS7	-70dBm	MCS0	-89dBm
	802.11ax HT20	MCS11	-64dBm	MCS0	-92dBm
	802.11ax HT40	MCS11	-61dBm	MCS0	-89dBm
5G Receiving Sensitivity	802.11a	54M	-74dBm	6M	-92dBm
	802.11n HT20	MCS7	-73dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-70dBm	MCS0	-87dBm
	802.11ac HT20	MCS7	-67dBm	MCS0	-91dBm
	802.11ac HT40	MCS7	-63dBm	MCS0	-88dBm
	802.11ac HT80	MCS9	-60dBm	MCS0	-84dBm
	802.11ax HT20	MCS11	-62dBm	MCS0	-91dBm
	802.11ax HT40	MCS11	-59dBm	MCS0	-89dBm
	802.11ax HT80	MCS11	-56dBm	MCS0	-86dBm
	802.11ax HT160	MCS11	-53dBm	MCS0	-83dBm
2.4G EVM	802.11b:≤-10 dB; 802.11g:≤-25 dB; 802.11n:≤-28dB ; 802.11ax: ≤-35 dB				
5G EVM	802.11a:≤-25 dB; 802.11n:≤-28 dB; 802.11ac:≤-32 dB ; 802.11ax:≤-35 dB				
ppm	±20ppm				
WAN	1*10/100/1000/2500Mbps WAN, support 48V PoE				
LAN	1*10/100/1000Mbps LAN				
Reset	Reset to factory settings by pressing 6-10 seconds				
Indicators	PWR, SYS, WAN, 2.4G, 5.8G				
Power	PoE 802.3at				
Max Power Consumption	<18W				
Dimension	304mm×181mm×88mm				
Weight	1.6kg				
Temperature	Working: -20°C to 55°C; Storage: -40°C to 70°C; Humidity: 5% ~ 95%(Non-Condensing)				
ESD	Air:±8K, Touch:±6K				
Electrical Surge	Common Mode: 4K, Differential Mode: 2K				

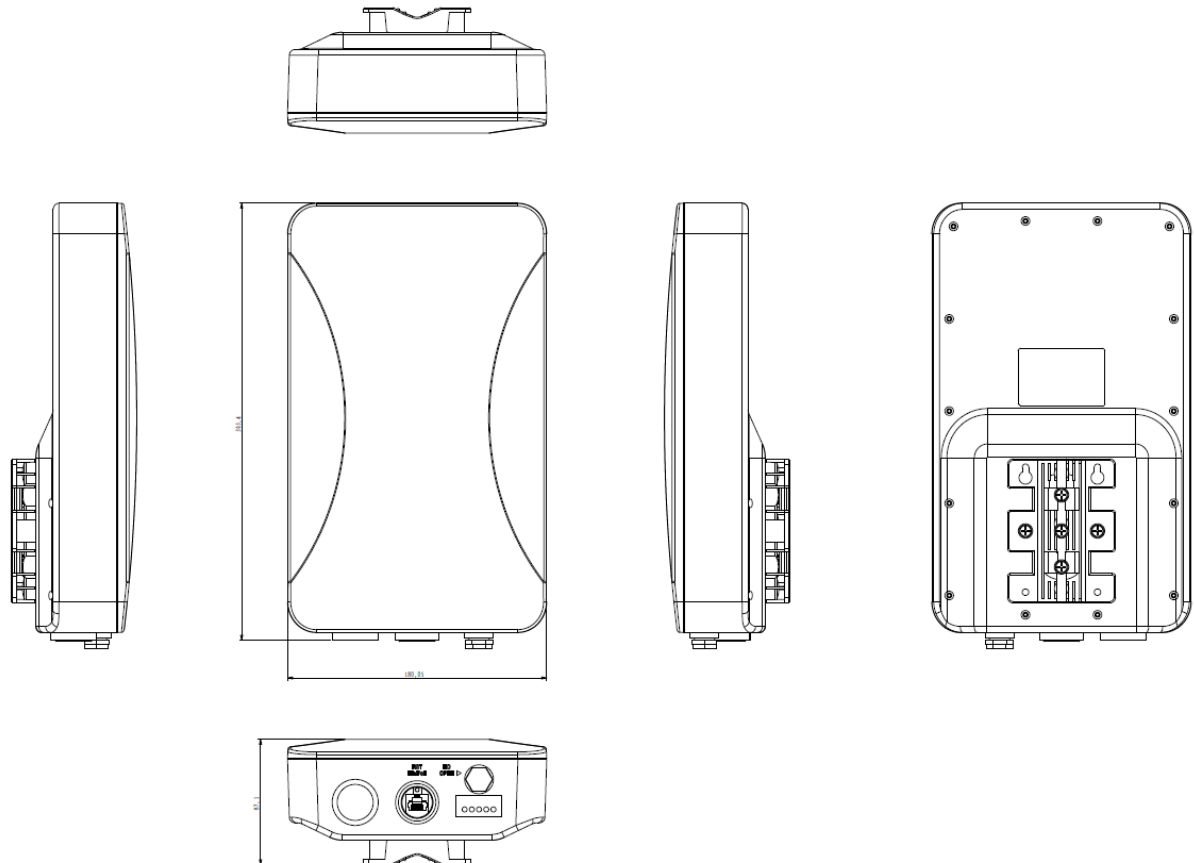
Firmware Specification

Working Mode	Gateway, AP
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support SSID hidden
	Support seamless roaming
	Support 5G Prior for a faster Ethernet.
	Wireless Security: Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, WPA3
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
Networking Function	VLAN settings
	Cloud access support in gateway mode
Device Management	Back-up the configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
	Support firmware GUI web management, AC controller management, remote management and cloud management
Protocols	IPv4

Interface



Dimension



Packing List

AP	1
Lan cable	1
Mounting Accessories	1
Gift Box	1