



OUTDOOR WiFi Access Point

Dual Radio | 802.11 a/b/g/n | Optical Ethernet | ADSL

FTO-3600AP



- > **WiFi 802.11 a/b/g/n 300 Mbps**
- > **Multi Operation Mode AP, WDS, Wireless Client**
- > **Multi Wired Connection ADSL, FE, SFP, xPON, PoE**
- > **Ideal for outdoor deployment**
- > **Internal RADIUS Server**
- > **Maximum 64 users concurrent**
- > **Water/Dust-proof IP65 standard compliant**
- > **Trusted Security Features**
- > **Easy Management**
- > **Power surge protector included**
- > **Mounting kit for wall and pole installation**

THECHNICAL SPECIFICATION (FTO-3600AP)

Standard Compliant

- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.11h
- IEEE 802.3ab
- IEEE 802.3at

Network Management

- Local CLI configuration via Serial port
- Telnet, Secure Telnet (SSH)
- Web Browser Interface GUI
- Out of Band management via Management port
- HTTP, Secure HTTP (HTTPS)
- Management VLAN
- SNMP / SNMP MIB
- NMS – AP Net Control
- AP registration to AP Net Control when start up (Host name, Serial No., IP management, MAC)
- Remote firmware upgrade with Web GUI or FTP (No Re-Configuration)
- Configuration file back up / restore

Security

- WPA/WPA2/WPA-PSK
- WPA/WPA2/WPA-EAP
- TKIP/AES
- 64/128 bits WEP
- SSID Broadcast Disable
- SSID Switching (Turn-ON, Turn-Off, Change Name)
- MAC Address Access Control , Filtering
- IEEE 802.1x Authentication
- MAC address Access Control List (ACL)
- Radius Authentication and user management and Landing Page Web GUI Log-In

Layer 2/3 Switch

- 64 VLAN ID, Port-based and 802.1q Tagged VLAN
- IGMP snooping
- User Isolation
- Static IPv4 Routing table
- IPv6 Supported
- PPPoE Authentication
- Port Forwarding
- DHCP Server/Client

Quality of Service

- DSCP / ToS
- IEEE 802.1p per SSID
- 8 Priority Queues
- WMM Wireless Priority

Wired Speed Connection / Expansion

- ADSL2+
- Gigabit / Fast Ethernet 802.3u / PoE
- SFP Optical Interface (100Base-FX/1000Base-X)
- GPON
- GEAPON
- Expansion WAN Interface 2 ports
- Femto Cell 3G HSPA Expansion Module

Wireless Frequency Range

- 2.4 GHz (2.4 GHz to 2.4835 GHz)
- 5 GHz (5.15 GHz to 5.35 GHz)
(5.47 GHz to 5.85 GHz)

SSID

- Multiple SSID supported up to 16 (8 per radio)

Operating Modes

- Access Point (AP)
- WDS with AP
- WDS
- Wireless Client

Radio Characteristic

IEEE 802.11g Receive Sensitivity

- @ 54 Mbps : -68 dBm
- @ 6 Mbps : -85 dBm

IEEE 802.11n Receive Sensitivity (40 MHz Bandwidth)

- @ 300 Mbps : -64 dBm
- @ 30 Mbps : -80 dBm

Maximum Output Power

- 20 dBm @ 2.4 GHz : 100 mWatt
- 23 dBm @ 5 GHz : 200 mWatt

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Maximum Output Power

- 5 dBi @ 2.4 GHz
- 5 dBi @ 5 GHz

LEDs

- Power / Wired / 5GHz / 2.4GHz

Power Consumption

- Power Input 12 VDC, 220 VAC with Power Adaptor
- 18 Watts (Max)

Temperature

- Operating : -40 to 60 °C
- Storage : -40 to 70 °C

Humidity

- Operating : 10% to 90% non-condensing
- Storage : 5 % to 95% non-condensing

Weight

- 2.53 kg (Without Antennas)

Dimensions (W x H x D)

- 250 x 220 x 70 mm

Accessory Provided for Outdoor

- Four embedded surge arrestor
- PoE base unit
- Grounding wire
- Wall mount kit
- Pole mount kit

Certifications

- FCC
- CE
- IC
- C-Tick
- NCC
- UL
- Wi-Fi
- IP65