



# F3932

WIFI ROUTER

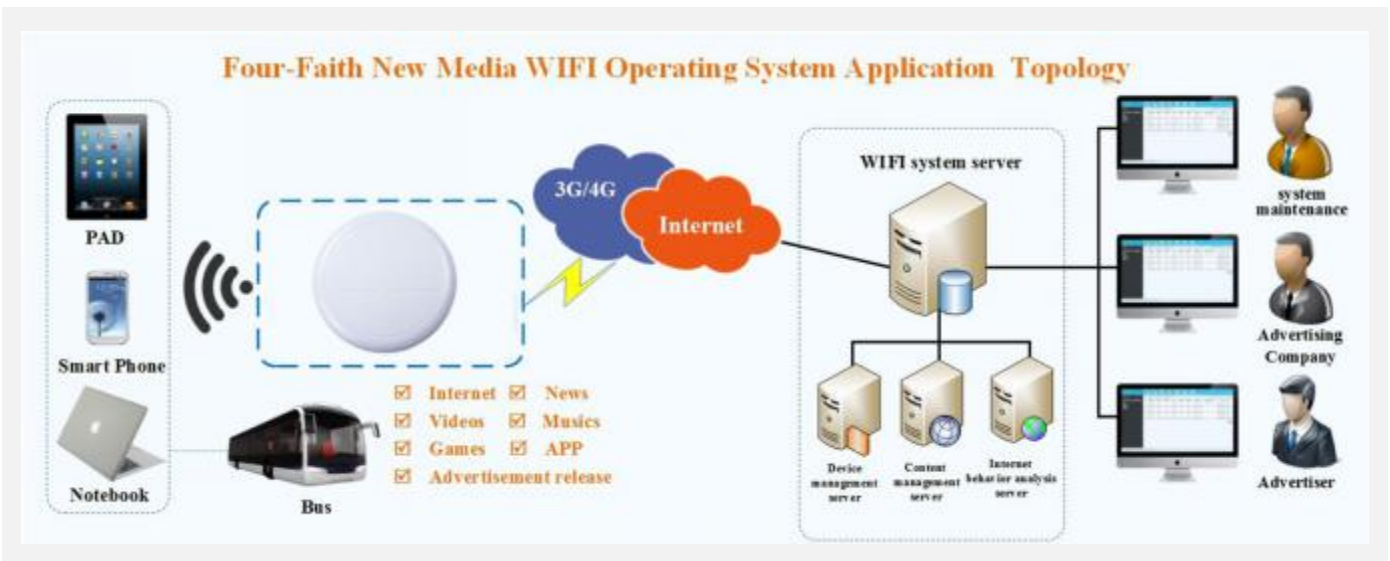
Technical Specification



F3932 is our independent research and development of a wireless AP type , for indoor public areas, the integration of advanced WIFI communications, local large capacity storage, multimedia advertising push technology, users can through the smart phone, PAD, laptops access free local video, news, music, games, and fast Internet , and Businesses can carry out more value-added services.

Ceiling design, beautiful and generous and the overall environment of integration. Using PoE standard power supply, the installation is simple and convenient to use.

## Application Topology



## Product Specification

### Design for public Application

- High-powered 32bits CPU
- Wireless ceiling type AP design, beautiful and generous , can be directly installed on the ceiling
- Industrial design, support over-voltage, over-current, short circuit protection
- Support POE power supply
- Wide Power range(DC 5~36V)

### Stability and Reliability

- Support hardware and software WDT to ensure the stability of the system
- Support auto recovery mechanism, including online detect, auto redial when offline to make router always online
- Data storage with TF, ensure the data security and stability on high speed read and write
- Ethernet port: 1.5KV magnetic isolation protection

### Standard and Convenience

- Support all kinds of the Intelligent WIFI terminals
- Wireless ceiling type AP design, beautiful and generous, can be directly installed on the ceiling, also can be installed on the wall
- Provide powerful business platform for equipment management, content management and release, report management, user behavior statistics analysis, authority management, alarm management and other functions

### High-performance

- Support website redirection, local captive portal, remote captive portal
- Support various authentication ways, including mobile phone number authentication, WeChat authentication, Twitter authentication, Google authentication, Facebook authentication and without authentication.
- Support WIFI channel hopping for anti-interference
- Support English SSID
- Support suspended advertising function (optional)
- Support TF card for local storage(optional)
- WIFI TX power is configurable for optimized wireless coverage
- Support WEB server. Supports PHP, XML, and database storage(optional)
- Support WIFI inspector
- Support black/white list of URL, Account, IP address, MAC address
- Support traffic statistics. Support monitoring of device traffic, user traffic and online duration monitoring
- Support user's surfing behavior record, local PV/UV statistics and transmit these data to server at real time for data statistics analysis
- Support real time log auditing based on user's URL access
- Local information contains advertisement, news, APP, video, music, etc. Support various video formats and streaming media delivery
- Local information update support whole update and incremental update, support grouping update, support break-point resume and outage resume, support A/B backup, support update via internet, FTP
- Support remote firmware upgrade, including upgrade on single device, devices in patch and automatic upgrade, support break-point resume, outage resume
- Support remote terminal parameters configuration, can be a single, batch configuration, custom configuration, at the same time support online/offline equipment configuration
- Support monitoring device status at real time, including CPU, memory, signal strength, network status, storage and alarm
- Supports completed functionality of router
- Support SPI firewall, access restriction, URL filter, QoS, NAT, etc
- Support NTP, schedule reboot and schedule boot/shutdown with in built RTC
- Support various WAN connection types, including static IP, DHCP, PPPoE, etc
- Support VPN client and VPN server(PPTP, L2TP, OPENVPN, IPSEC and GRE(only VPN version supports))

## Product Specification

### WIFI Specification

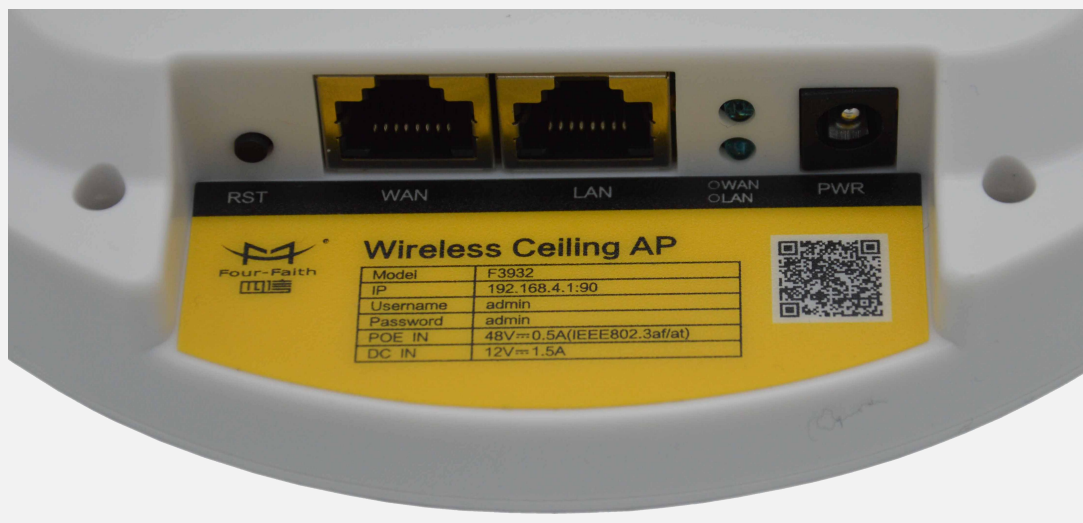
Item	Content
Standard	IEEE802.11b/g/n, 2.4G, 2*2 MIMO, AP model, Station model(optional)
Bandwidth	IEEE802.11b/g: 108Mbps (max) IEEE802.11n: 300Mbps (max)
Security	WEP, WPA, WPA2, etc. WPS (optional)
TX power	20dBm(11n), 21.5dBm(11g), 26dBm(11b)
RX sensitivity	<-75dBm@54Mbps

### Hardware System

Item	Content
CPU	High-performance 32bits CPU
FLASH	16MB(Extendable to 64MB)
DDR2	128MB
TF	8GB~32GB(optional)

### Interface type

Item	Content
WAN	1 10/100 Mbps WAN port(RJ45), auto MDI/MDIX, 1.5KV magnetic isolation protection
LAN	1 10/100 Mbps Ethernet ports(RJ45), auto MDI/MDIX, 1.5KV magnetic isolation protection
Indicator	"Power" 、 "System" 、 "WIFI" 、 "WAN" 、 "LAN"
Antenna	Built-in 2.4 GHz antenna: 3 dbi
TF	Standard TF card interface
Power	Standard 3-PIN power interface, reverse-voltage and overvoltage protection
Reset	Restore the router to its original factory default settings



### Power supply

Item	Content
Standard Power	DC 12V/1.5A or POE supply
Power range	DC 5~36V or POE 44 ~ 57V
Working current	<270mA (12V)
Standby current	<220mA (12V)

### Physical Characteristics

Item	Content
Housing	Ceiling installation and wall mounting
Dimensions	168x168x51 mm
Weight	450g

### Other Specification

Item	Content
Operating Temperature	-35~+75°C (-31~+167°F)
Storage Temperature	-40~+85°C (-40~+185°F)
Operating Humidity	95% (unfreezing)