

Industrial Dual Band 802.11be 3600Mbps Wireless Access Point with 5 10/100/1000T LAN Ports



Ultra-high-speed Wi-Fi 7 Wireless LAN Solution with Environmentally Hardened Design

The PLANET IAP-3600BE Series Industrial Dual Band 802.11be Wireless Access Point comes with 5 × 10/100/1000T LAN ports. The IAP-3600BE-4PF model features 4 × 1000T 802.3at PoE LAN ports with a total PoE budget of 120 watts, and 1 × 1GBASE-X SFP WAN/LAN slot for flexible connectivity.

Both models feature a rugged IP30-rated metal enclosure, ensuring robust performance in harsh industrial environments. Integrated with **Wi-Fi 7 (802.11be) technology**, the IAP-3600BE Series delivers exceptional wireless speeds of up to **2882 Mbps** on the 5GHz band and **688 Mbps** on the 2.4GHz band.

It supports advanced wireless capabilities including **4096-QAM**, **Multi-Link Operation (MLO)**, **MU-MIMO**, **MU-OFDMA**, and **beamforming**, enabling lower latency, greater bandwidth efficiency, and highly stable multi-user connections. Supporting up to **256 concurrent client devices**, the IAP-3600BE Series is the ideal wireless solution for mission-critical industrial applications requiring ultra-fast, reliable, and secure connectivity.

Designed to operate in extreme environments, the IAP-3600BE Series supports a wide temperature range from -40 to 70 degree C, making it ideal for deployment in harsh and demanding conditions. It also features flexible installation options with both DIN rail and wall-mount support, maximizing space efficiency within industrial cabinets.



Physical Interfaces

- 4 × 10/100/1000BASE-T RJ45 LAN ports, auto-negotiation, auto MDI/MDI-X (Port 1 to Port 4)
- 4 × 10/100/1000BASE-T RJ45 LAN ports with 4-port IEEE 802.3at PoE+ injector function (Fo IAP-3600BE-4PF)
- 1 × 10/100/1000BASE-T RJ45 WAN/LAN port, auto-negotiation, auto MDI/MDI-X (Port 5)
- 1 × 1000BASE-X SFP interface WAN/LAN port(Fo IAP-3600BE-4PF)
- 2 × dual-band (2.4GHz/5GHz) RP-SMA connectors with antennas
- 1 USB 3.0 port for system configuration backup/upload and firmware upgrade
- 1 x reset button for system factory default and reboot

LAN Port

- Hardware-based 10/100Mbps, half/full duplex and 1000Mbps full duplex mode, flow control and auto-negotiation, and auto MDI/MDI-X
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE 802.3x flow control for full duplex operation and back pressure for half duplex operation
- 10K jumbo frame
- Automatic address learning and address aging

Industrial Case and Installation

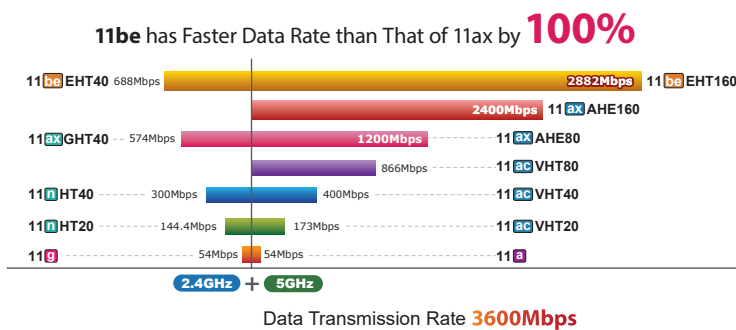
- IP30 metal case protection
- DIN rail or wall-mount design
- DC 9-54V, redundant power with reverse polarity protection(Fo IAP-3600BE)
- DC 48-54V, redundant power with reverse polarity protection(Fo IAP-3600BE-4PF)
- -40 to 70 degrees C operating temperature

Digital Input and Digital Output

- 2 Digital Input (DI)
- 2 Digital Output (DO)
- Integrate sensors into auto alarm system

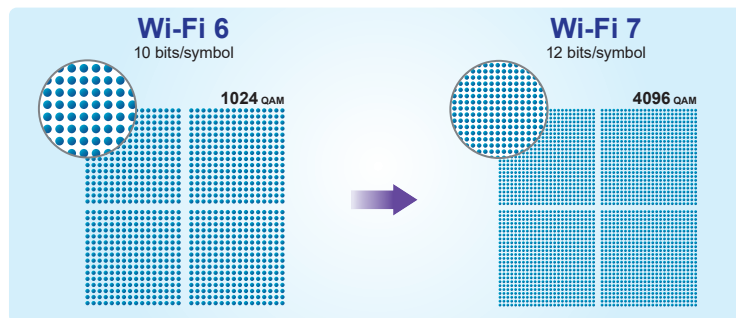
High-Performance Dual Band Wi-Fi 7 Solution

The IAP-3600BE Series, compliant with the latest IEEE 802.11be Wi-Fi 7 standard, delivers ultra-high-speed and low-latency wireless connectivity. It supports maximum data rates of up to **688Mbps on the 2.4GHz band** (40MHz) and **2882Mbps on the 5GHz band** (160MHz), enabling lightning-fast transmission across both frequency bands. With **dual-band concurrent operation**, users can benefit from improved bandwidth, reduced congestion, and more stable connections in high-density environments.



Boost Network Throughput with 4096 QAM

With 4096 QAM encoding, the IAP-3600BE Series transmits more data per signal, increasing throughput and making it ideal for high bandwidth applications such as 4K/8K video streaming, AR/VR experiences, and real time cloud services while maintaining a stable and efficient network connection.



Seamless Connectivity and Peak Network Performance

Designed for robust dual-band operation, the IAP-3600BE Series ensures seamless connectivity across both 2.4 GHz and 5 GHz frequencies. This design guarantees consistent data transfer and stable connections even in interference-prone, high-density scenarios, delivering the reliability demanded by modern commercial applications.



Multiple Operation Modes Options

- Multiple operation modes: AP/Repeater mode, WISP mode and Gateway mode options

Industrial-Grade Wireless LAN Compliance

- Supports Wi-Fi 7 (IEEE 802.11be), the latest generation of wireless networking technology
- Backward compatible with 2.4GHz (802.11b/g/n/ax/be), 5GHz (802.11a/n/ac/ax/be) frequency bands

RF Interface Characteristics

- 802.11be 2T2R architecture with data rates up to 3600Mbps (688Mbps in 2.4GHz and 2882Mbps in 5GHz)
- High output power with multi-level adjustable transmit power control

Secure Wireless Connection Features

- Full encryption supported: WPA3 Personal, WPA2/ WPA3 Personal, WPA2 Personal (AES), WPA2 Personal (TKIP), WPA2 Personal (TKIP+AES), WPA/WPA2 Personal (AES), WPA/WPA2 Personal (TKIP), WPA/WPA2 Personal (TKIP+AES), WPA2 Enterprise, WPA/WPA2 Enterprise
- MAC-based Access Control Lists (ACL) for enhanced device-level security

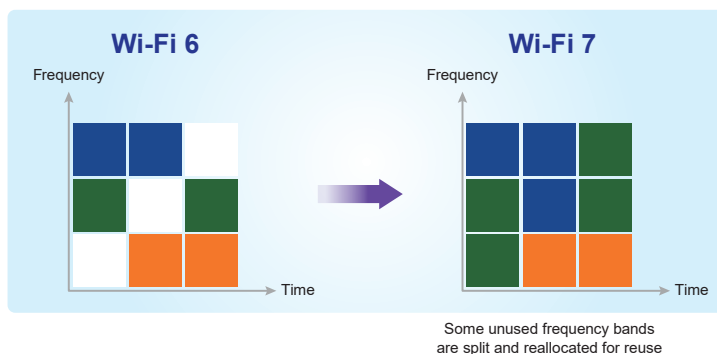
Wireless AP Mode Features

- Supports OFDMA (orthogonal frequency division multiple access)
- Supports MU-MIMO (multi-user multiple-input multiple-output), Beamforming and BSS Coloring
- WMM (Wi-Fi multimedia) provides higher priority to multimedia transmitting over wireless
- Coverage threshold to limit the weak signal of clients occupying session
- Real-time Wi-Fi channel analysis chart and client limit control for better performance
- Terminal Seamless Roaming with 802.11k, 802.11v, and 802.11r
- NEW: Supports Wi-Fi 7 enhancements, including:
 - 4096-QAM for higher data rates
 - Multi-Link Operation (MLO) for simultaneous multi-band transmission

Optimize Spectrum Utilization

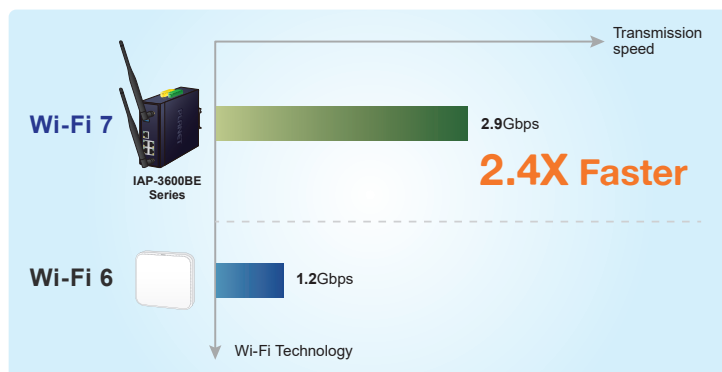
Employing advanced techniques such as dynamic allocation of resource units and spectrum puncturing, the IAP-3600BE Series minimizes spectrum waste and maximizes efficiency in densely-populated wireless environments, further enhancing overall network performance and business productivity.

Dynamic allocation of resource units and spectrum puncturing



Business-Oriented Wi-Fi 7 Performance in Industrial Environments

The **IAP-3600BE Series** is purpose-built for enterprise and industrial applications, prioritizing network stability, high performance, and environmental durability. Supporting the latest **Wi-Fi 7 (802.11be)** standard, it delivers impressive wireless speeds of up to **2882Mbps on the 5GHz band** and **688Mbps on the 2.4GHz band**, providing nearly **2.4 times the throughput of Wi-Fi 6** in real-world scenarios.



Ultra-low Latency and Jitter for Real-time Industrial Applications

Equipped with advanced Quality of Service (eQoS) and enhanced channel access mechanisms, the **IAP-3600BE Series** intelligently prioritizes latency-sensitive data traffic, minimizing delay and jitter. This ensures consistent, real-time performance for mission-critical applications such as **remote machine control**, **industrial AR/VR**, **video surveillance**, and **low-latency communication in automation systems**.



Gateway Mode Features

- Built-in RADIUS server/Client
- Captive Portal
- UPnP
- IP routing protocol supports RIPv1/v2, OSPF
- PLANET DDNS/Easy DDNS
- SPI firewall, DDoS block, system security and NAT ALGs
- MAC address/IP/Web filtering and QoS
- DMZ and port forwarding

Easy Deployment and Management

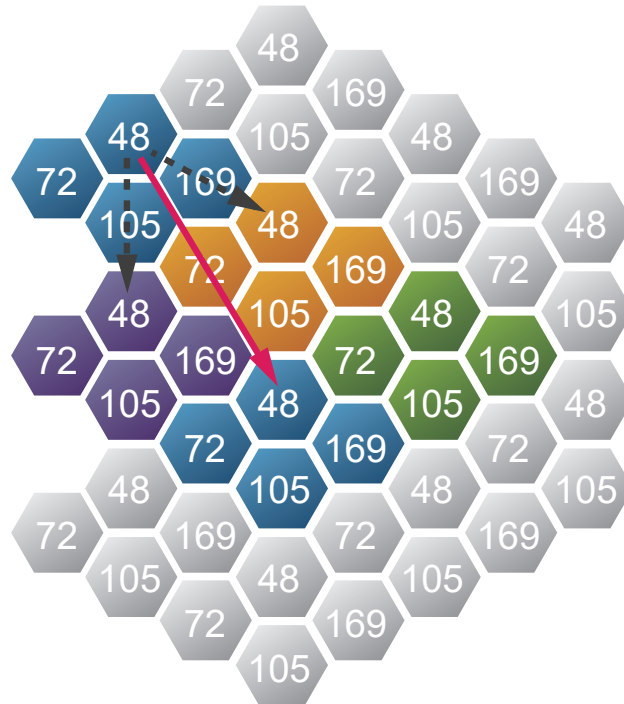
- Supports PLANET AP Controllers in AP mode
- Self-healing mechanism through system auto reboot setting
- System status monitoring through remote syslog server
- PLANET Smart Discovery Utility for deployment management
- PLANET NMS system and CloudViewer for deployment management

Power over Ethernet

- Complies with IEEE 802.3at Power over Ethernet Plus, end-span PSE
- Backward compatible with IEEE 802.3af Power over Ethernet
- Up to 4 ports of IEEE 802.3af / 802.3at devices powered
- Supports PoE power up to 36 watts for each PoE port
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- PoE management
 - Per port PoE function enable/disable
 - PoE port power feeding priority
 - Per PoE port power limitation
 - PD classification detection
 - PD alive check
- Total PoE power budget control

Precision Interference Control for Seamless Industrial Connectivity

The **IAP-3600BE Series** incorporates **BSS Coloring** technology to intelligently differentiate overlapping basic service sets (BSS), effectively minimizing co-channel interference and maintaining stable wireless connections in high-density environments. Additionally, **beamforming** enhances signal strength and coverage by directing Wi-Fi signals toward active client devices, ensuring consistent performance throughout industrial deployment zones.



Advanced Wireless Security for Industrial Networks

The **IAP-3600BE Series** supports advanced wireless encryption standards including **WPA3-PSK**, **WPA2-PSK**, and **WPA/WPA2-Enterprise**, providing strong data protection and preventing unauthorized network access. For enhanced access control, administrators can configure **predefined Access Control Lists (ACLs)**, making it a reliable and secure solution for sensitive industrial and enterprise applications.



WPA3

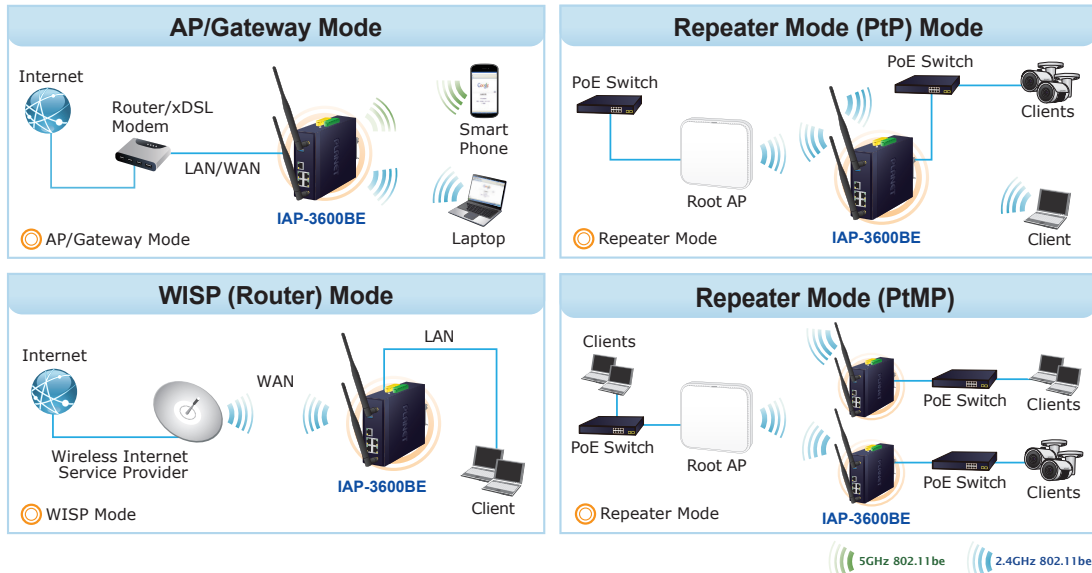
Wi-Fi Security

IAP-3600BE Series

WPA2 **WPA**

Flexible Deployment Modes and Centralized Management

The **IAP-3600BE Series** supports multiple operation modes—including **Access Point, Gateway, Repeater, and WISP**—to flexibly adapt to a wide range of industrial and enterprise deployment scenarios, whether establishing a new infrastructure or upgrading an existing one. With **intuitive remote management via the PLANET CloudViewerPro app and centralized NMS**, it streamlines installation, monitoring, and ongoing maintenance across distributed networks.



Home Dashboard for Wi-Fi Status



Built-in Cybersecurity Features for Industrial Network Protection

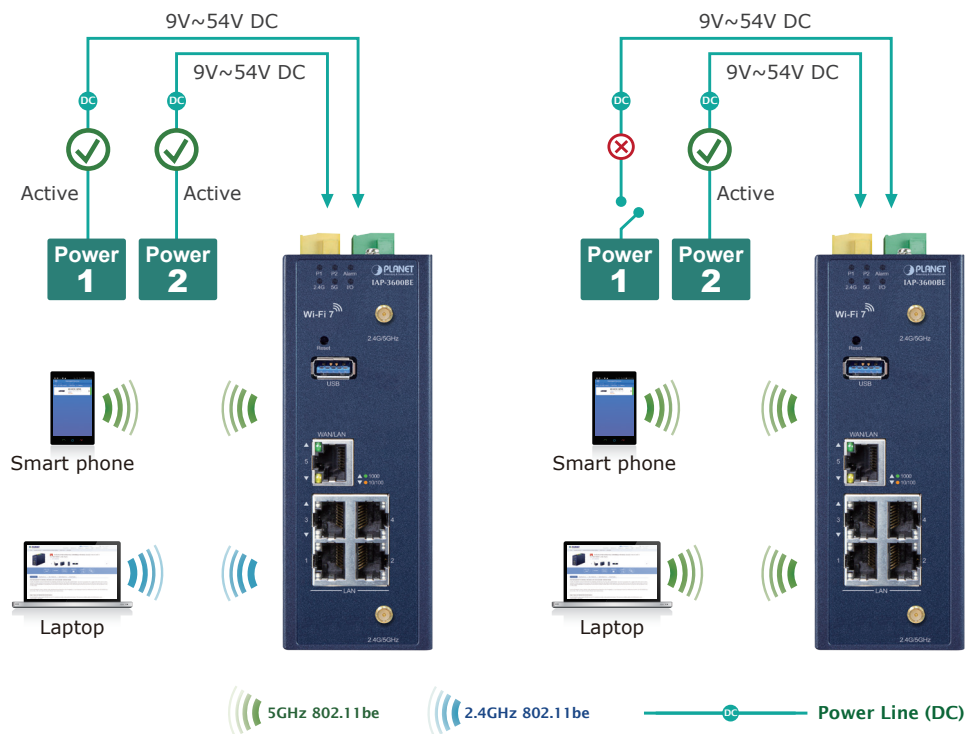
The IAP-3600BE Series supports TLS v1.3 for secure remote access and encrypted management traffic, ensuring strong protection against modern cyber threats. It also includes enterprise-grade security features such as SNMPv3 with authentication and encryption, Access Control Lists (ACLs), WPA3 encryption, and 802.1X authentication, forming a comprehensive defense against unauthorized access and data breaches.



Dual Power Input for High Availability Network System

The IAP-3600BE Series features a strong dual power input system with wide-ranging voltages (IAP-3600BE support 9V~54V DC and IAP-3600BE-4PF support 48V~54V DC) incorporated into customer's automation network to enhance system reliability and uptime. In the example below, when power supply 1 fails to work, the hardware failover function will be activated automatically to keep powering the IAP-3600BE Series via power supply 2 alternatively without any loss of operation.

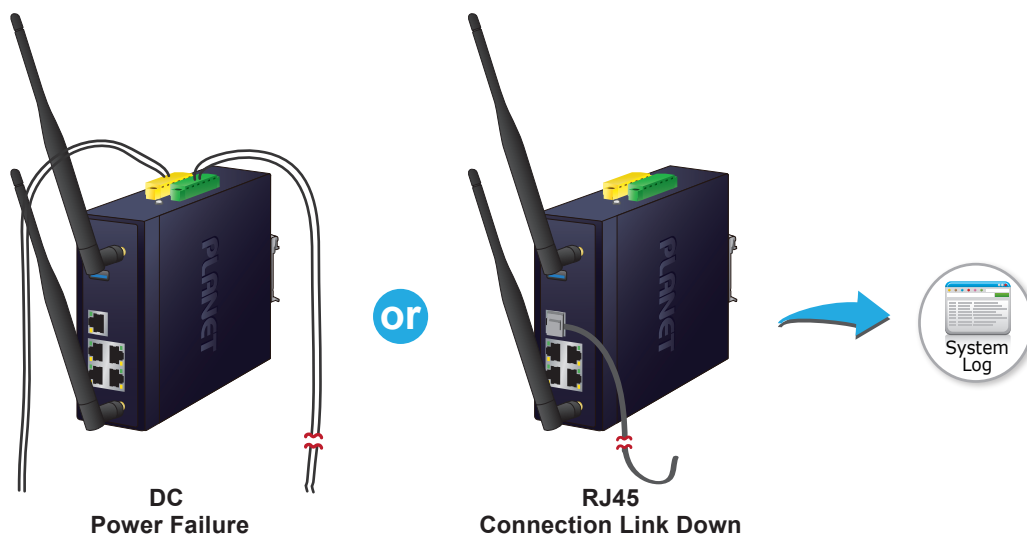
Non-stop 802.11be Wireless Service Dual Power Input with Auto Failover



Effective Alarm Alert for Better Protection

The IAP-3600BE Series supports a Fault Alarm feature which can alert the users when there is something wrong with the device. With this ideal feature, the users would not have to waste time finding where the issue is. It will help to save time and human resource.

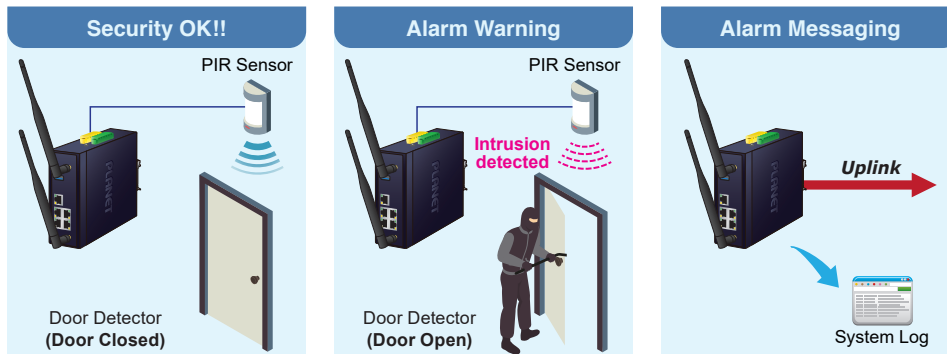
Fault Alarm Feature



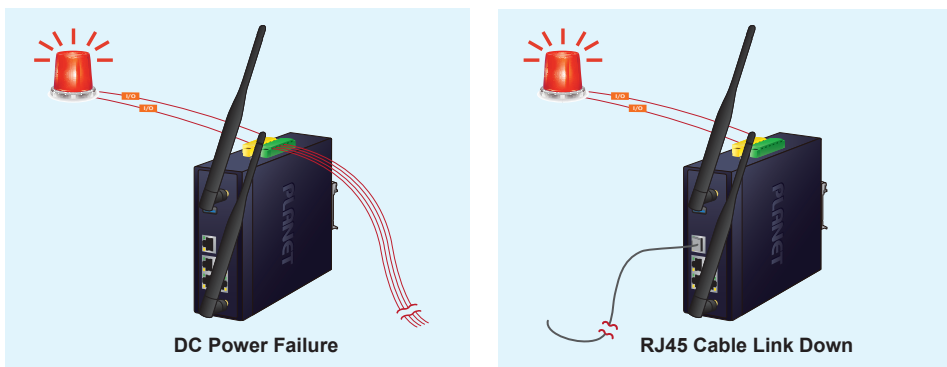
Digital Input and Digital Output for External Alarm

The IAP-3600BE Series supports Digital Input and Digital Output on its upper panel. This external alarm enables users to use Digital Input to detect and log external device status (such as door intrusion detector), and send event alarm to the administrators. The Digital Output could be used to alarm the administrators if the IAP-3600BE Series port shows link down, link up or power failure.

Digital Input



Digital Output



Flexible and Easy Installation with Limited Space

The compact-sized IAP-3600BE Series is specially designed to be installed in a narrow environment, such as a wall enclosure. It can be installed by fixed wall mounting or DIN rail, thereby making its usability more flexible and easier in any space-limited location.

Optional installation method



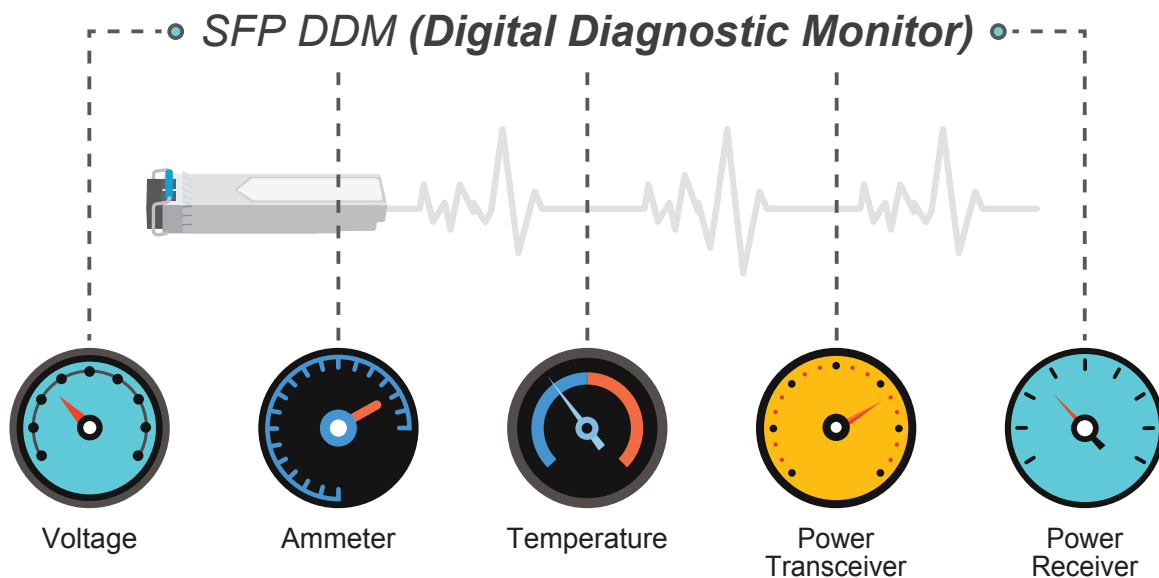
* The above pictures are for illustration only.

Flexible WAN interface Enables Extension of Network Deployment

The IAP-3600BE-4PF provides both copper and fiber connectors for WAN interface. With one SFP slot, it supports fiber extension for FTTX application. It allows the administrator to flexibly choose the suitable SFP transceiver according to the transmission distance required to extend the network efficiently. The distance can be extended from 550 meters to 2 kilometers (multi-mode fiber) and 10/20/40/80/120 kilometers (single-mode fiber or WDM fiber). They are well suited for applications to uplink to backbone switch and monitoring center in long distance.

Intelligent SFP Diagnosis Mechanism

The IAP-3600BE-4PF supports SFP-DDM (digital diagnostic monitor) function that greatly helps network administrator to easily monitor real-time parameters of the SFP, such as optical output power, optical input power, temperature, laser bias current, and transceiver supply voltage.



Built-in Unique PoE Functions for Powered Devices Management

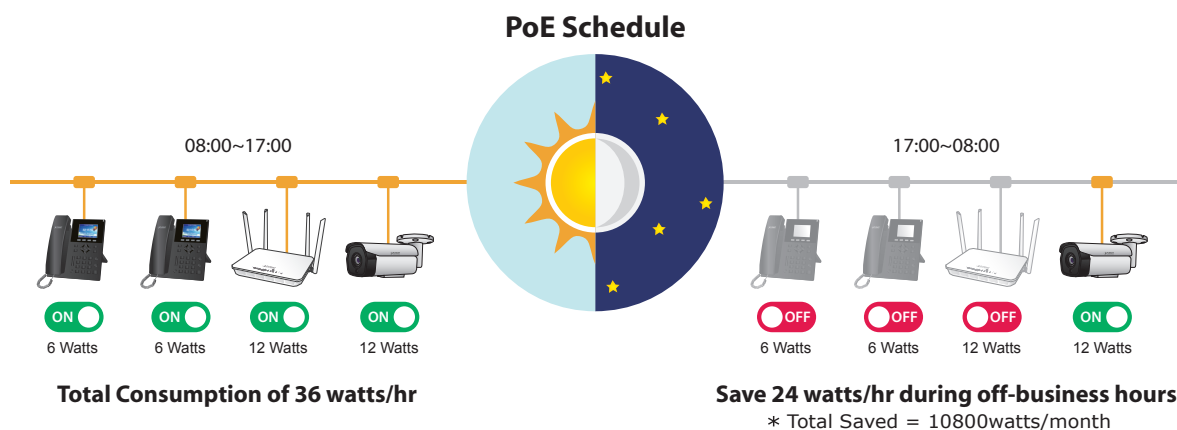
The IAP-3600BE-4PF is capable of having a maximum of up to 120 watts of power output and can deliver **up to 36W** for each port. It also features the following special PoE management functions.

PoE Usage Monitoring

With PoE usage monitoring, it can show the PoE loading of each port, total PoE power usage and system status, such as overload, low voltage, over voltage and high temperature. User can obtain detailed information about the real-time PoE working condition of the IAP-3600BE-4PF directly.

PoE Schedule

Under the trend of energy saving worldwide and contributing to environmental protection, the IAP-3600BE-4PF can effectively control the power supply besides its capability of giving high watts power. The "PoE schedule" function helps you to enable or disable PoE power feeding for each PoE port during specified time intervals and it is a powerful function to help SMBs or enterprises save power and budget. It also increases security by powering off PDs that should not be in use during non-business hours.



Scheduled Power Recycling

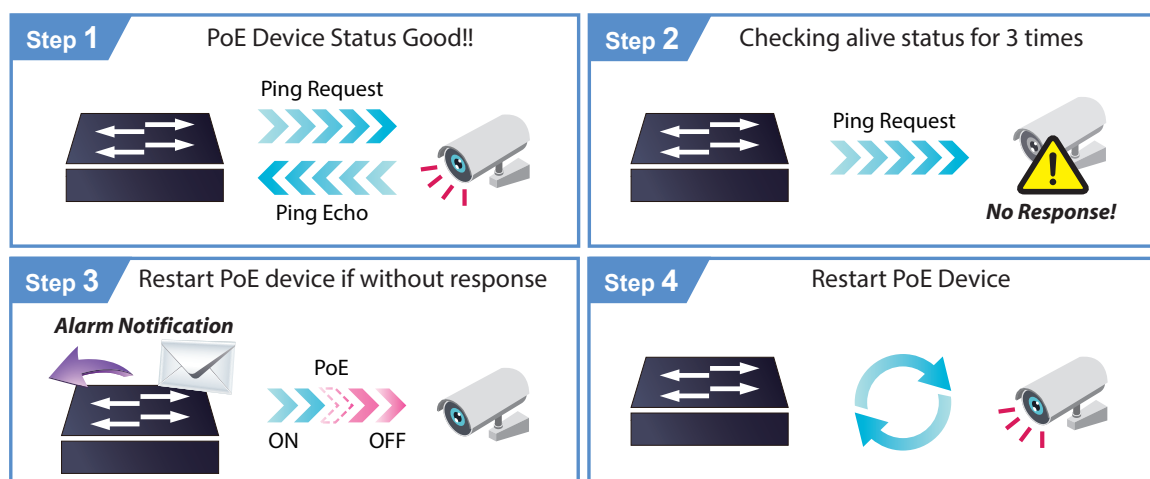
The IAP-3600BE-4PF allows each of the connected PoE IP cameras or PoE wireless access points to reboot at a specific time each week. Therefore, it will reduce the chance of IP camera or AP crash resulting from buffer overflow.



PD Alive Check

The IAP-3600BE-4PF can be configured to monitor connected PD status in real time via ping action. Once the PD stops working and responding, the IAP-3600BE-4PF will resume the PoE port power and bring the PD back to work. It will greatly enhance the network reliability through the PoE port resetting the PD's power source and reducing administrator management burden.

PD Alive Check

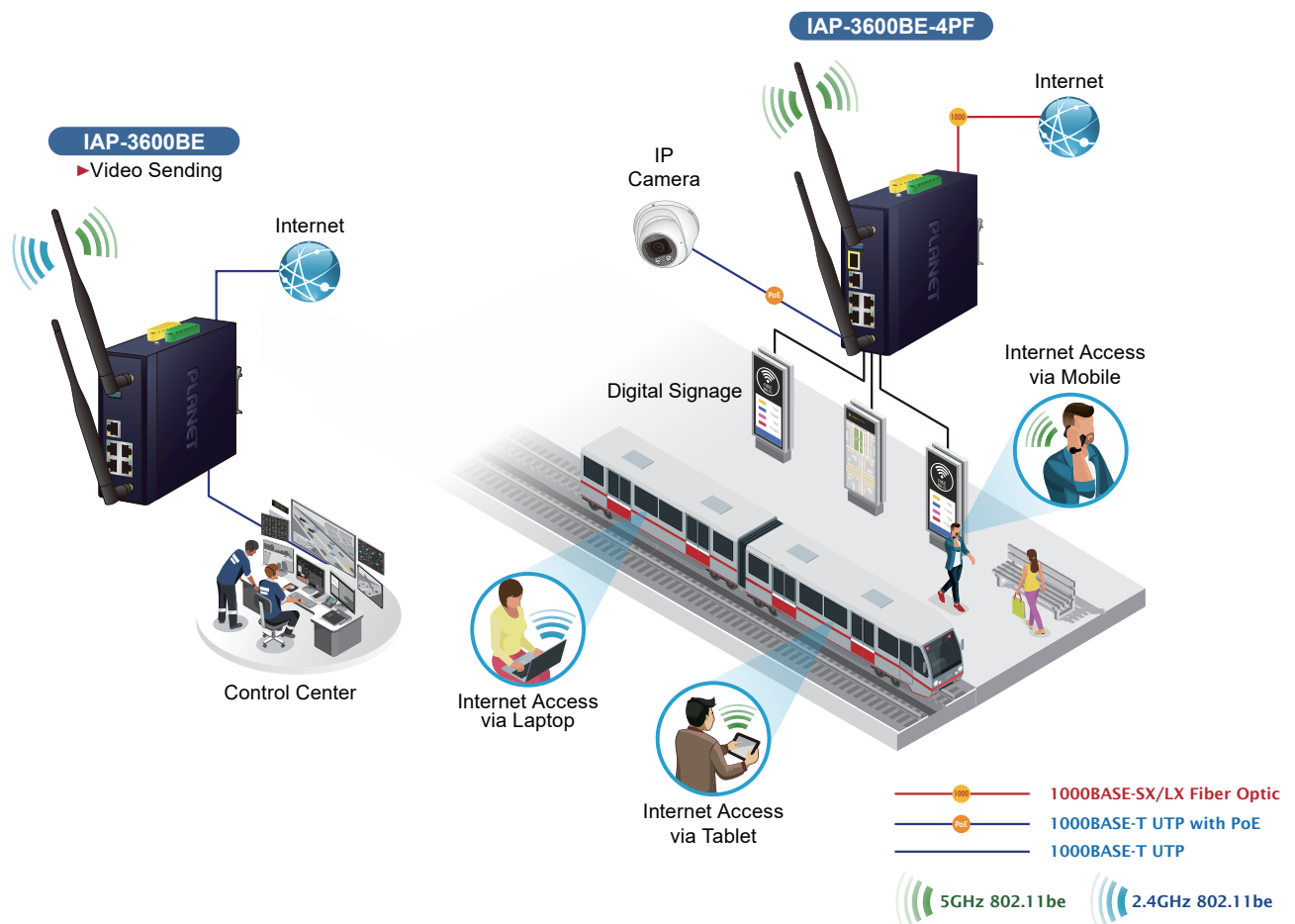


Applications

Ultra-Fast Wireless Performance with Wi-Fi 7 Technology

The **IAP-3600BE Series** leverages next-generation **Wi-Fi 7 (802.11be)** technology to deliver ultra-high-speed, dual-band wireless connectivity with improved efficiency, reduced interference, and enhanced network capacity. It supports concurrent transmission on the **2.4GHz band (up to 688Mbps)** and the **5GHz band (up to 2882Mbps)**, ensuring smooth performance for both general web access and bandwidth-intensive applications such as HD video streaming or industrial data transfers.

With support for advanced features like **MU-MIMO**, **OFDMA**, and **4096-QAM**, the IAP-3600BE Series can handle simultaneous connections from up to **256 client devices**, maintaining stable and responsive wireless service even in high-density environments. Its **Gigabit Ethernet ports** ensure optimal wired backhaul to fully utilize wireless throughput, making it ideal for smart industrial, commercial, and campus deployments.

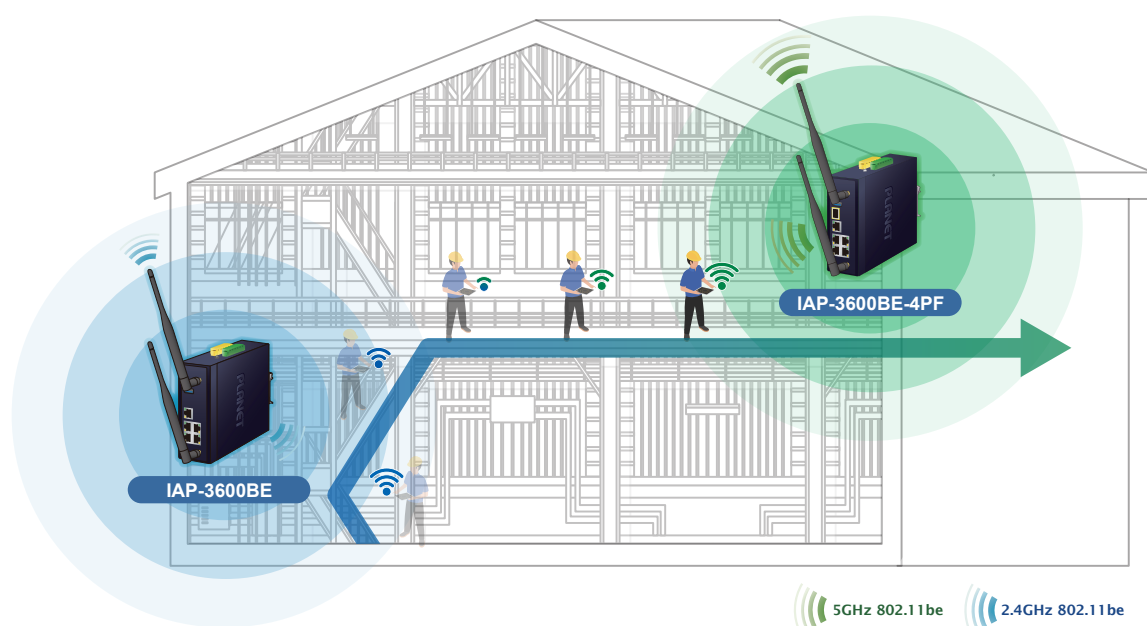


Seamless Roaming and Expanded Wireless Coverage

The **IAP-3600BE Series** supports **Seamless Roaming**, allowing client devices to automatically switch to the access point with the strongest signal without interruption. This ensures smooth connectivity for users moving across different coverage zones, making it ideal for large industrial or commercial environments.

Equipped with **2T2R MU-MIMO** technology, the IAP-3600BE Series enhances signal coverage and minimizes dead zones by enabling simultaneous data transmission to multiple clients. Additionally, its support for **Repeater Mode** provides greater deployment flexibility, especially in areas where Ethernet cabling is not feasible—helping to reduce installation costs while extending wireless reach.

Seamless Roaming



Specifications

Product	IAP-3600BE		IAP-3600BE-4PF
Hardware Specifications			
Copper Ports	5 10/100/1000BASE-T RJ45 Ethernet ports including • 4 LAN ports (Ports 1 to 4) • 1 WAN/LAN port (Port 5)		
Fiber Port	--	1 1000BASE-X SFP slot including 1 WAN/LAN port (Port 6)	
Wireless Connector	Built-in two RP-SMA female connectors		
USB Port	1 USB 3.0 port		
DI & DO Interfaces	2 Digital Input (DI): Level 0: -24V~2.1V (±0.1V) Level 1: 2.1V~24V (±0.1V) Input Load to 24V DC, 10mA max. 2 Digital Output (DO): Open collector to 24V DC, 100mA max.		
Connector	Removable 6-pin terminal block for power input Pin 1/2 for Power 1, Pin 3/4 for fault alarm, Pin 5/6 for Power 2		
Reset Button	< 5 sec: System reboot > 10 sec: Factory default		
Enclosure	IP30 metal case		
Dimensions (W x D x H)	50 x 135 x 135 mm		
Weight	881g	905g	
Power Requirements – DC	9~54V DC, 1.8A	48~54V DC, 3.5A	
Power Consumption	Max. 6.48 watts/ 22.09BTU (No Loading at DC 54V) Max.11.88 watts/ 40.51BTU (Full loading at DC 54V)	Max. 9.18 watts/ 31.3BTU (No Loading at DC 54V) Max.142.8 watts/ 486.94BTU (Full loading at DC 54V)	
Installation	DIN-rail, desktop, wall-mounting		

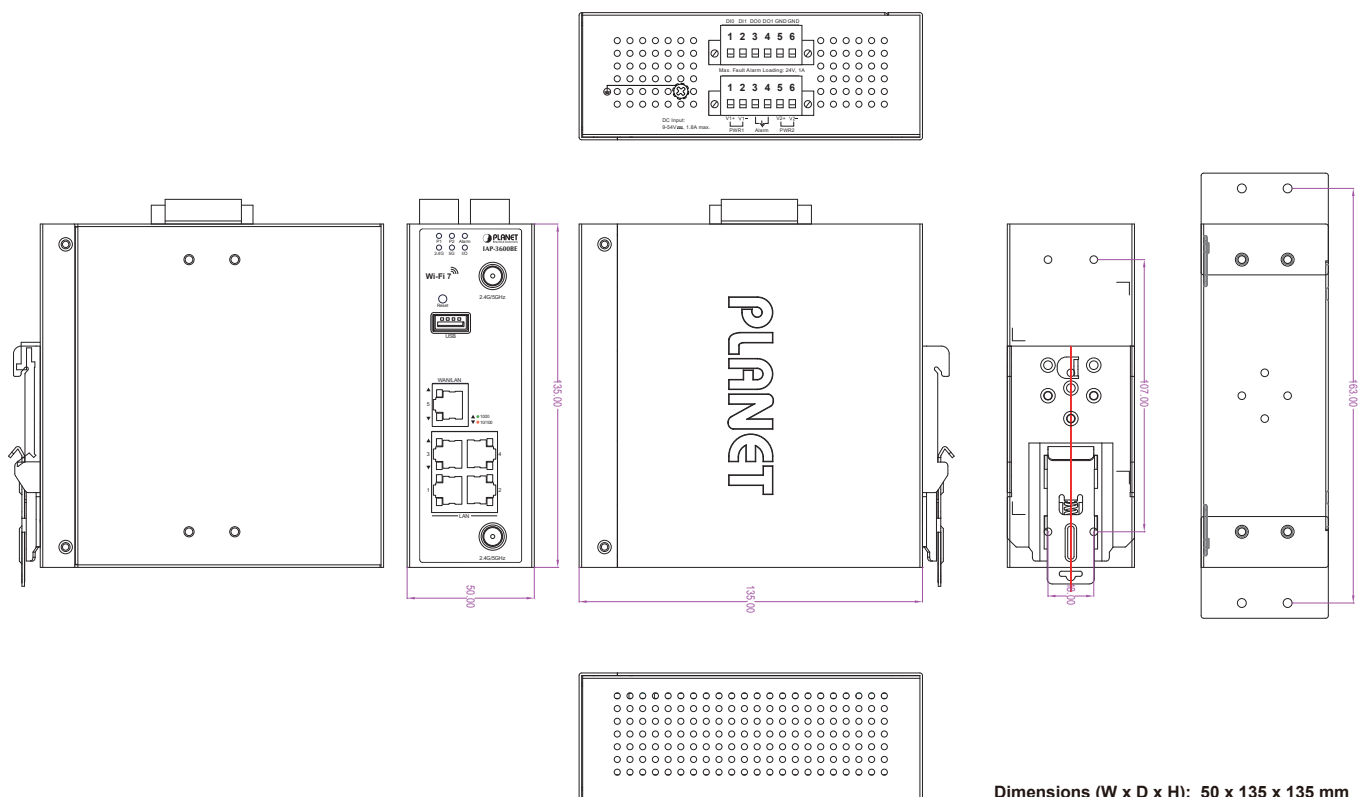
LED Indicators	System: P1 (Green) P2 (Green) Alarm (Red) I/O (Red) Ethernet Interfaces (Ports 1-4 LAN Port and Port 5 WAN/LAN Port): 1000 LNK/ACT (Green) 10/100 LNK/ACT (Amber) Wi-Fi: 2.4GHz(Green) 5GHz(Green)		System: P1 (Green) P2 (Green) Alarm (Red) I/O (Red) Ethernet Interfaces (Ports 1-4 Ports): 10/100/1000 LNK/ACT (Green) PoE-in-Use (Amber) Ethernet Interfaces (Port 5 WAN/LAN Port): 10/100/1000 LNK/ACT (Green) 1000 LNK (Amber) 1000BASE-X SFP Interfaces (Port 6): LNK/ACT (Green) Wi-Fi: 2.4GHz(Green) 5GHz(Green)
Wireless Specifications			
Wi-Fi Standard	IEEE 802.11a/n/an/ac/ax/be 5GHz (2Tx2R) IEEE 802.11g/b/n/ax/be 2.4GHz (2Tx2R)		
Band Mode	2.4GHz & 5GHz concurrent mode		
Data Modulation	802.11be: MIMO-OFDM/OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM / 4096QAM) 802.11ax: MIMO-OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM, 1024QAM) 802.11ac: MIMO-OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11a/g/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11b: DSSS (DBPSK / DQPSK / CCK)		
Antenna	4 dBi 2.4GHz and 5GHz dual-band external antennas with RP-SMA male connectors for Wi-Fi		
Frequency Range	2.4GHz	America FCC: 2.412~2.462GHz Europe ETSI: 2.412GHz~2.472GHz	
	5GHz	America FCC: 5.180~5.240GHz, 5.745~5.825GHz Europe ETSI: 5.180~5.700GHz	
Operating Channels	2.4GHz	America FCC: 2.412~2.462GHz Europe ETSI: 2.412GHz~2.472GHz	
	5GHz	America FCC: 5.180~5.240GHz, 5.745~5.825GHz Europe ETSI: 5.180~5.700GHz	
	2.4GHz	America FCC: 1~11 Europe ETSI: 1~13	
	5GHz	America FCC: Non-DFS: 36, 40, 44, 48, 149,153,157,161,165 DFS: 52, 56, 60, 64, 100, 104, 108, 112, 116, 132, 136, 140 Europe ETSI: Non-DFS: 36, 40, 44, 48 DFS: 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 5GHz channel list may vary in different countries according to their regulations.	
Channel Width	20MHz, 40MHz, 80MHz, 160MHz		
Data Transmission Rates	Transmit: 688 Mbps* for 2.4 GHz and 2882 Mbps* for 5 GHz Receive: 688 Mbps* for 2.4 GHz and 2882 Mbps* for 5 GHz *The estimated transmission distance is based on the theory. The actual distance may vary in different environments.		
Transmission Power	2.4 GHz: 11b CCK: 1 M 23.5 dBm ±2 dB; 11 M 23.5 dBm ±2 dB 11g OFDM: 54 M 20.5 dBm ±2 dB 11n HT20: MCS0 21 dBm ±2 dB; MCS7 19 dBm ±2 dB 11n HT40: MCS0 20 dBm ±2 dB; MCS7 18 dBm ±2 dB 11ax HE-SU40: MCS0 21 dBm ±2 dB; MCS11 17.5 dBm ±2 dB 11be EHTMU-SU40: MCS0 21 dBm ±2 dB; MCS13 16.5 dBm ±2 dB 5 GHz: 11a OFDM: 6 M 23 dBm ±1.5 dB; 54 M 20.5 dBm ±1.5 dB 11ac VHT20: MCS0 21.5 dBm ±1.5 dB; MCS8 19 dBm ±1.5 dB 11ax HE-SU20: MCS0 21.5 dBm ±1.5 dB; MCS11 18.5 dBm ±1.5 dB 11be EHTMU-SU20: MCS0 21.5 dBm ±1.5 dB; MCS13 17 dBm ±1.5 dB 11ac VHT40: MCS0 21 dBm ±1.5 dB; MCS9 19 dBm ±1.5 dB 11ax HE-SU40: MCS0 21 dBm ±1.5 dB; MCS11 18.5 dBm ±1.5 dB 11be EHTMU-SU40: MCS0 21 dBm ±1.5 dB; MCS13 16.5 dBm ±1.5 dB 11ac VHT80: MCS0 21 dBm ±1.5 dB; MCS9 18 dBm ±1.5 dB 11ax HE-SU80: MCS0 21 dBm ±1.5 dB; MCS11 17.5 dBm ±1.5 dB 11be EHTMU-SU80: MCS0 21 dBm ±1.5 dB; MCS13 16 dBm ±1.5 dB 11ac VHT160: MCS0 20 dBm ±1.5 dB; MCS9 16 dBm ±1.5 dB 11ax HE-SU160: MCS0 20 dBm ±1.5 dB; MCS11 15 dBm ±1.5 dB 11be EHTMU-SU160: MCS0 20 dBm ±1.5 dB; MCS13 13 dBm ±1.5 dB		

Receiver Sensitivity	2.4 GHz	
	11b CCK 11 M: -93	
	11g OFDM 54 M: -77	
	11n HT20 MCS7: -74	
	11n HT40 MCS7: -71	
	11ax HE20 MCS11: -62	
	11ax HE40 MCS11: -59	
	11be EHT20 MCS13: -61	
	11be EHT40 MCS13: -58	
	5 GHz	
	11a OFDM 54 M: -77	
	11n HT20 MCS7: -74	
	11n HT40 MCS7: -71	
	11ac VHT20 MCS9: -63	
	11ac VHT40 MCS9: -60	
11ac VHT80 MCS9: -57		
11ac VHT160 MCS9: -54		
11ax HE20 MCS11: -63		
11ax HE40 MCS11: -60		
11ax HE80 MCS11: -57		
11ax HE160 MCS11: -54		
11be EHT20 MCS13: -61		
11be EHT40 MCS13: -58		
11be EHT80 MCS13: -55		
11be EHT160 MCS13: -52		
Encryption Security	WPA3 Personal, WPA2/WPA3 Personal WPA2 Personal (AES), WPA2 Personal (TKIP), WPA2 Personal (TKIP+AES) WPA/WPA2 Personal (AES), WPA/WPA2 Personal (TKIP), WPA/WPA2 Personal (TKIP+AES) WPA2 Enterprise, WPA/WPA2 Enterprise	
Power over Ethrenet		
PoE Standard	--	IEEE 802.3af / 802.3at PoE+ PSE
PoE Power Supply Type	--	End-span
PoE Power Output	--	Per port 54V DC, 35 watts (max.)
Power Pin Assignment	--	1/2 (+), 3/6 (-)
PoE Power Budget	--	120 watts (max.)
Max. Number of Class 4 PDs	--	4
PoE Management	--	PD Alive Check Scheduled Power Recycling PoE Schedule PoE Usage Monitoring
Management Functions		
Basic Management Interfaces	Web browser SNMP v1, v2c PLANET Smart Discovery utility PLANET NMS controller supported	
Secure Management Interfaces	TLS 1.1, TLS 1.2, TLS 1.3 SNMP v3	
Operation Modes	Gateway Mode WISP Mode Access Point Mode (default) Repeater Mode (Future features)	
LAN	Static IP/* DHCP Client	
WAN	Static IP Dynamic IP PPPoE/PPTP/L2TP	
VLAN	IEEE 802.1Q VLAN (VID: 1~4094) SSID-to-VLAN mapping to up to 4 SSIDs	
Wireless Security	Enable/Disable SSID Broadcast Wireless MAC address filtering User Isolation	
Max. SSID	8 (4 per radio)	
Max. Wireless Clients	Up to 256 clients (128 is suggested, depending on usage)	

Wi-Fi Advanced	Auto Channel Selection 5-level Transmit Power Control : ■ Max (100%) ■ Efficient (75%) ■ Enhanced (50%) ■ Standard (25%) or Min (15%) Client Limit Control Coverage Threshold *Wi-Fi channel analysis chart Seamless Roaming Beamforming BSS Coloring 2.4GHz WLAN Partition 5GHz WLAN Partition RTS Threshold
Wireless Roaming	IEEE 802.11k, 802.11v, and 802.11r
Wireless QoS	Supports Wi-Fi Multimedia (WMM)
System Management	Setup wizard Remote management through PLANET DDNS/ Easy DDNS Configuration backup and restore Supports UPnP Supports IGMP Proxy Supports PPTP/L2TP/IPSec VPN Pass-through Supports Captive Portal, RADIUS Server/Client (Gateway mode) Diagnostics
Status Monitoring	Dashboard System status/service Statistics Connection status
Event Management	Remote System Log Local Event Log
Self-healing	Supports auto reboot settings per day/hour
Central Management	Applicable controllers: ■ NMS-500, NMS-1000V ■ VPN Gateway: VR-300 series, IVR-300 series ■ PLANET CloudViewer App, CloudViewerPro, CloudNMS.
Standards Conformance	
Regulatory Compliance	FCC Part 15 Class A, CE
Environment	
Operating	Temperature: -40 ~ 70 degrees C Relative humidity: 5 ~ 90% (non-condensing)
Storage	Temperature: -40 ~ 75 degrees C Relative humidity: 5 ~ 90% (non-condensing)

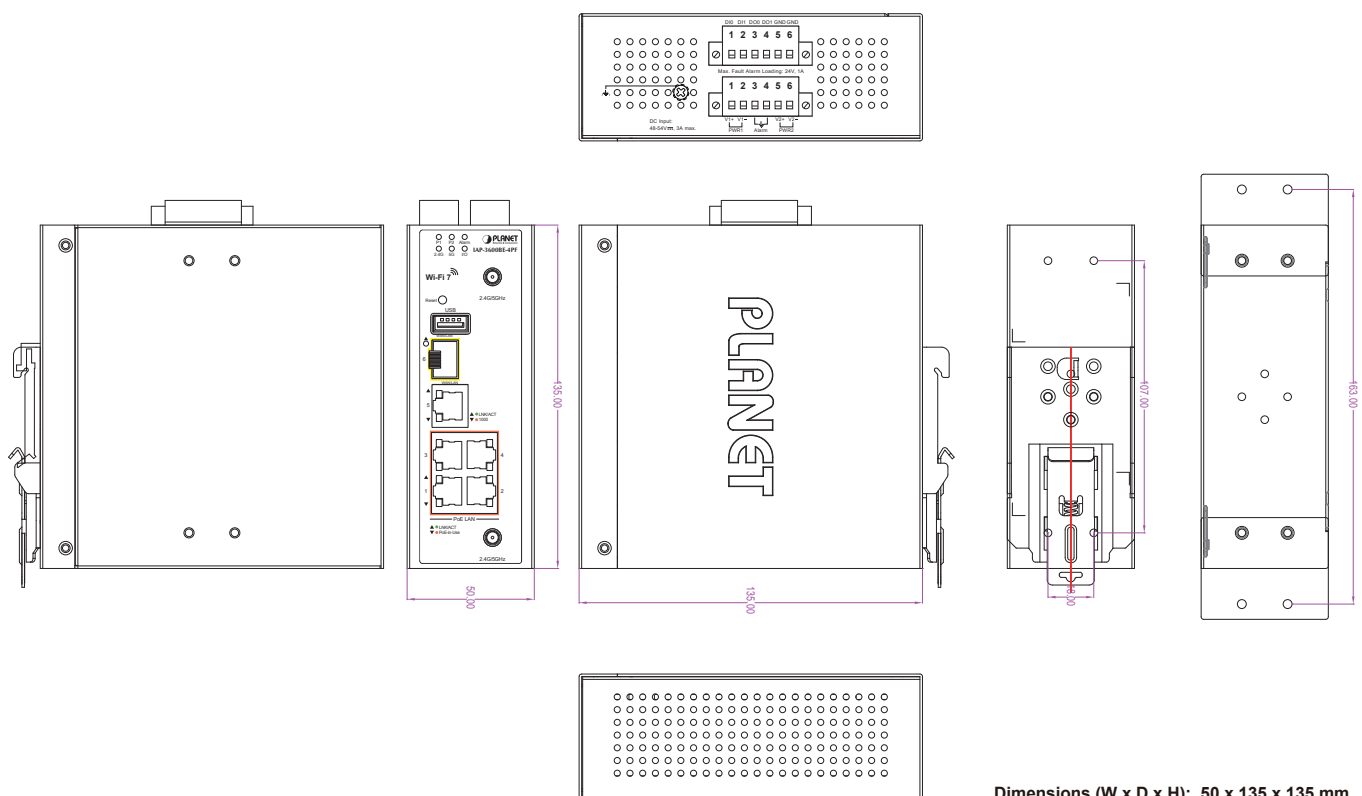
Dimensions

- IAP-3600BE three-view drawing



Dimensions (W x D x H): 50 x 135 x 135 mm

- IAP-3600BE-4PF three-view drawing



Dimensions (W x D x H): 50 x 135 x 135 mm

Ordering Information

IAP-3600BE	Industrial Dual Band 802.11be 3600Mbps Wireless Access Point with 5 10/100/1000T LAN Ports
IAP-3600BE-4PF	Industrial Dual Band 802.11be 3600Mbps Wireless Access Point with 4-Port 802.3at PoE+

Related Wireless Products

IAP-1800AX	Industrial Dual Band 802.11ax 1800Mbps Wireless Access Point with 5 10/100/1000T LAN Ports
IAP-2400AX	Industrial 5GHz 802.11ax 2400Mbps Wireless Access Point with 5 10/100/1000T LAN Ports
WDAP-C5100BE	Dual Band 802.11be 5100Mbps Ceiling-mount Wireless Access Point w/802.3at PoE+ 1 10/100/1000/2500T and 1 10/100/1000T LAN Port
WDAP-3000AX	Dual Band 802.11ax 3000Mbps Outdoor Wireless AP (IP67, 802.3at PoE+, 4 x N-type connector)
WDAP-W3000AX	Dual Band 802.11ax 3000Mbps In-wall Wireless Access Point
WDAP-C3000AX	Dual Band 802.11ax 3000Mbps Ceiling-mount Wireless Access Point w/802.3at PoE+ and 2 10/100/1000T LAN Ports

Related NMS System Products

NMS-500	Enterprise-class Universal Network Management Controller -- 500 nodes, 5 10/100/1000T LAN Ports
NMS-1000V-10	Universal Network Management Controller with 10" LCD Touch Screen -- 1024 Nodes, 2 10/100/1000T LAN Ports
NMS-1000V-12	Universal Network Management Controller with 12" LCD Touch Screen -- 1024 Nodes, 2 10/100/1000T LAN Ports

Related VR APC System Products

VR-300PW6	Wi-Fi 6 AX1800 Dual Band VPN Security Router with 4-Port 802.3at PoE+
VR-300W6A	Wi-Fi 6 AX2400 2.4GHz/5GHz VPN Security Router
VR-300PW6A	Wi-Fi 6 AX2400 2.4GHz/5GHz VPN Security Router with 4-Port 802.3at PoE+
IVR-300	Industrial 5-Port 10/100/1000T VPN Security Gateway with Redundant Power
IVR-300W	Industrial 5-Port 10/100/1000T + 802.11ax Wi-Fi VPN Security Gateway
IVR-300FP	Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 10/100/1000T + 1-Port 1000X SFP VPN Security Gateway