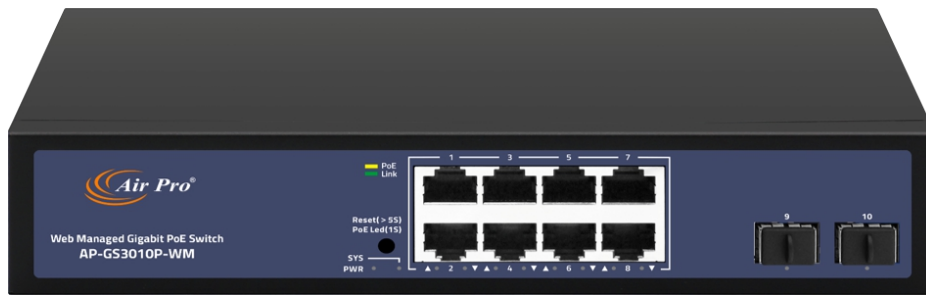# Air Pro®

Simple | Secure | Trusted

**AP-GS3010P-WM**

# 10-port Full Gigabit Web Management PoE switch



## FEATURES

- 8 *Gigabit PoE ports+2 *Gigabit SFP optical ports.

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, and IEEE802.3z standards.

- RJ45 port supports 10/100/1000Mbps adaptation.

- Supports automatic port flipping (Auto MDI/MDIX).

- Adopting a storage and forwarding exchange mechanism.

- All ports support line speed switching.

- The panel indicator lights will monitor the working status and assist in fault analysis.

- Support QoS data priority.

## PRODUCT SPECIFICATIONS
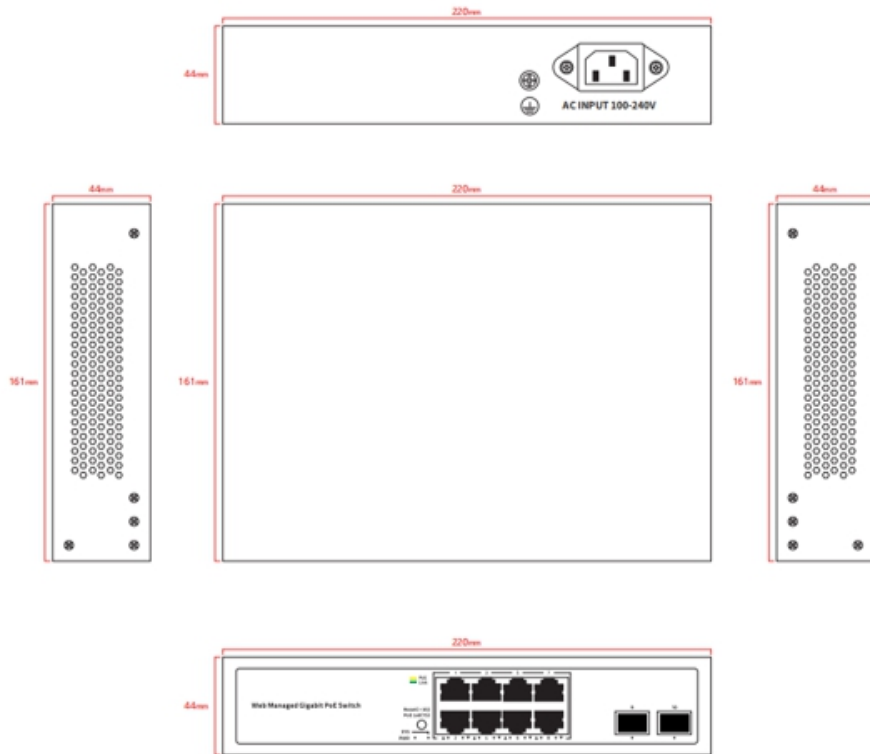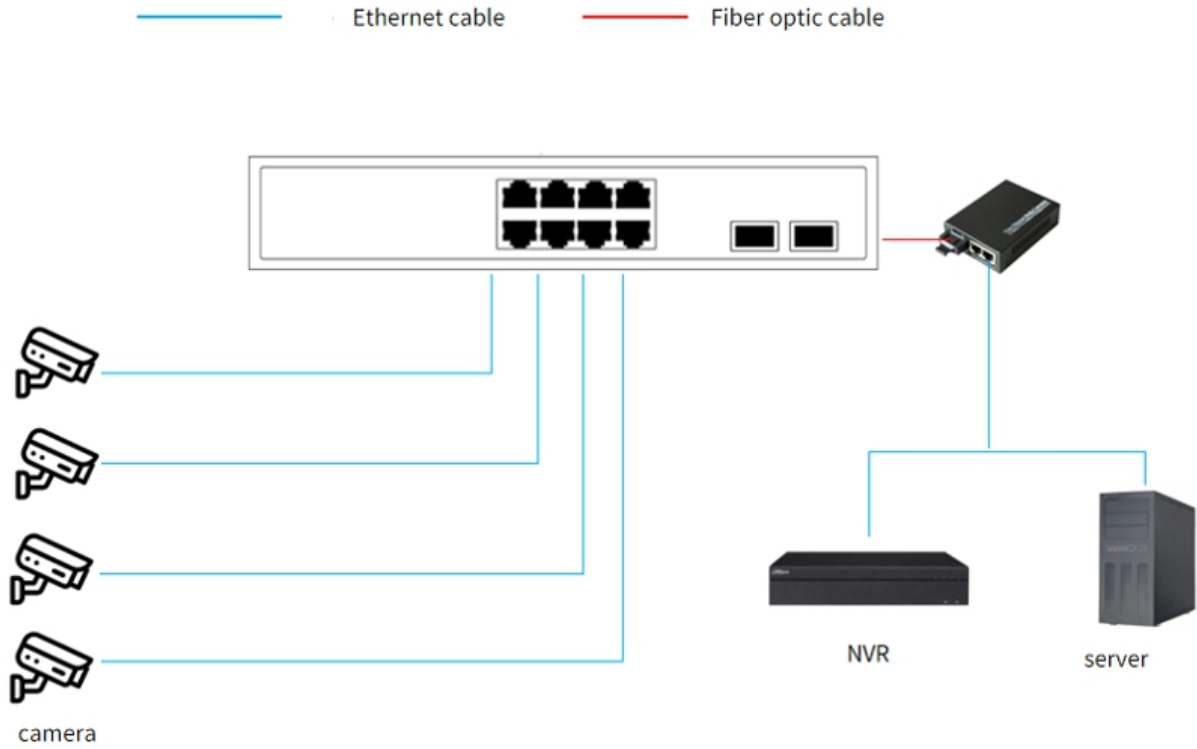**Hardware Features & Performance**

| Item | AP-GS3010P-WM | |
|---|---|---|
| **General** | Interface | 8*Gigabit PoE ports<br>2 *Gigabit SFP optical ports |
| | Port Standard | IEEE 802.3: Ethernet Media Access Control (MAC) Protocol<br>IEEE 802.3i: 10BASE-T Ethernet<br>IEEE 802.3u: 100BASE-TX Fast Ethernet<br>IEEE 802.3ab: 1000BASE-T Gigabit Ethernet<br>IEEE 802.3z: 1000BASE-X Gigabit Ethernet (Fiber optic)<br>IEEE 802.3x: Flow Control |
| **Performance** | Switching Capacity | 20Gbps |
| | Packet Forwarding Rate | 14.88Mpps |
| | Packet Buffer | 4Mbit |
| | MAC Address Table | 8K |
| | VLAN | VLAN range 1-4094, maximum active VLAN is 31 |
| | Jumbo Frame | support |
| | Transmission Method | Store and Forward |
| **PoE** | PoE Standard | IEEE802.3af  (15.4)<br>IEEE802.3at (30W) |
| | PoE Port Output Voltage | DC 44-57V |
| | PoE Ports | Port 1-8 PoE power output <30W |
| | PoE Power Budget | 140W |
| **Environment** | Surge  Protection | Surge  Protection: Common mode 4KV, differential mode 2KV (Class B); Electrostatic ESD: Air 8KV, Contact 6KV (Class C) |
| | Operating Temperature | 0~40°C |
| | Storage Temperature | -40 °C to 70 °C |
| | Operation Humidity | 10%~90%，non condensing |
| | Storage Humidity | 5%~95%，non condensing |
| **Physical** | Power Supply | AC 100-240V   50/60Hz<br>DC 52V 2.88A |
| | Mainboard Power Consumption | 10W |
| | Structure Information | Product Dimensions : 220 * 161 * 44mm<br>Packaging Dimensions : 315 * 215 * 85mm<br>Product Net Weight: 1.03KG<br>Product Gross Weight: 1.37KG |
| | Packing Information | Carton Dimensions : 445*445*335mm<br>Packing Quantity: 10PCS<br>Packing Weight: 14.7KG |
| | Packing List | switch 1pcs, power cord 1pcs, instruction manual 1pcs，certificate of qualification 1pcs |
| | Fan Quantity | 0 |
| | Installation | desktop |
| | Certification | CE, FCC, RoHS |
| **Buttons & Indicator Lights** | PWR | On: Powered on<br>Off: Powered off |
| | SYS | On: Powered on<br>Off: Powered off |
| | 1-10 Green Light | On: Link norma<br>Off: Link block<br>Flashing: Data transmitting |
| | 1-8 Yellow Light (PoE) | On: PoE power on<br>Off: PoE powered off |
| | RESET/PoE led button | Long press for 6 seconds to restore factory settings/<br>Short press for 1 second (dual color light selection: default green (link data), switch to yellow light (PoE)) |

## PRODUCT SPECIFICATIONS

**Software Features**

| Item | AP-GS3010P-WM |
|---|---|
| **L2 Function** | |
| Port | Port Switch configuration, Port Description |
| | Port Speed configuration |
| | Port Duplex configuration |
| | Port Flow Control configuration |
| | Jumbo Frame, Up to 9216bytes |
| | Green Ethernet, EEE |
| Link Aggregation | Static Group |
| | Up to 2 groups |
| | Max. 4 members per group |
| Storm Control | Boardcast suppression |
| | Unknown Multicast |
| | Unknown Unicast |
| Port Mirroring | support |
| Port Security | MAC Address Constraints |
| Port Isolation | support |
| Port Rate-limit | support |
| Loopback Detection | support |
| VLAN | Access/Trunk/Hybrid |
| | VLAN range 1-4094, maximum active VLAN is 31 |
| | Port VLAN |
| MAC Address | Dynamic MAC address |
| | Static MAC address, MAC address lookup |
| Spanning Tree Protocol | STP/RSTP |
| | Edge Port |
| Multicast | IGMP Snooping |
| | IGMP V1/V2 |
| | Router Port |
| | Static IGMP Join |
| QoS | Traffic classification, supporting SP and WRR scheduling |
| | IP DSCP Priority, Supports up to 4 queues per port |
| | Port Priority, 802.1P Priority |
| **PoE** | |
| PoE Configuration | PoE used power |
| | PoE Type/Level/Power/Voltage/Current |
| | PoE Switch |
| | PoE power AF/AT adaptation |
| **Services** | |
| Access Protocol | HTTP |
| **Diagnostics** | |
| Port Statistics | support |
| Copper | Test support |
| **Equipment Management** | |
| Manager Acces | HTTP |
| | SNMP |
| Manager IP | Static Address |
| | DHCP Client |
| SNMP | V2C |
| | Community |
| | Trap Host |
| SNMP MIB | RFC 1213 MIB-II |
| User Management | support |
| Firmware Management | Firmware upgrade |
| Configuration Management | Upload/Backup Configuration |
| Save | support |
| Restart | support |
| Factory Defaults | support |
| **Standard Compliance** | |
| IEEE 802.3x flow control and back pressure | |
| IEEE 802.1D Spanning Tree Protocol | |
| IEEE 802.1w Rapid Spanning Tree Protocol | |
| IEEE 802.1p Class of Service | |
| IEEE 802.1Q VLAN tagging | |
| IEEE 802.3af Power over Ethernet | |
| IEEE 802.3at Power over Ethernet Plus | |
| RFC 768 UDP | |
| RFC 791 IP | |
| RFC 792 ICMP | |
| RFC 2068 HTTP | |
| RFC 1112 IGMP v1 | |
| RFC 2236 IGMP v2 | |

# PRODUCT STRUCTURE DIAGRAM

—— Ethernet cable　　—— Fiber optic cable



camera

NVR　　　server

AC INPUT 100-240V

220mm

44mm

161mm

Web Managed Gigabit PoE Switch

*Air Pro*

**www.airpronetworks.com**