



Industrial Wall-mount Design Perfect for Public Facilities

PLANET WDAP-W7200AC adopts the latest 802.11ac technology to provide extremely high-speed and powerful dual band wireless access without signal interference. Its durable and sturdy IP30 metal housing and wall-mount design make it strong enough to withstand any harshly industrial environments and flexible enough to be mounted on any wall. With the female reverse polarity SMA connectors, the WDAP-W7200AC can suitably and correctly be connected to external antennas and boosters in such wireless environments as warehouses, campuses and enterprises.

Ease of Deployment with PLANET AP Controller

The WDAP-W7200AC, with the Planet Smart Discovery Utility and WAPC-1232HP AP Controller supported, enables a small or medium wireless network to be simultaneously configured to minimize deployment time, effort and cost. No expensive instruments or complex back-end subscriber managed systems are required for deployment, thus bringing convenience to system administrators or machine operators.

Model	WDAP-W7200AC	
Product Image		

Wireless	Standard	IEEE802.11a/b/g/n/ac
	Max. Data Rate	300+867Mbps
	MIMO Technology	2T2R
LAN	Antenna	2.4G: 5dBi 5G: 5dBi
	10/100BASE-TX	1 x RJ45, auto-negotiation, auto-MDI/MDI-X
Mechanical	Power over Ethernet	1-port 802.3at PoE PD
	Dimensions (W x D x H)	148 x 41 x 140 mm
	Weight	470g
	Enclosure	IP30 metal
Power	Mounting	DIN-rail, wall-mountable and magnetic wall mount
	Inputs	IEEE 802.3af/at PoE; 48-56V DC input
	Connector	RJ45
Environment	Consumption	20 watts max.
	Operating Temperature	-10~60 degrees C
Regulatory	Emissions	FCC Class A, CE Class A



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All-New Industrial Flat-type Ethernet

Perfect IP Network Deployment for Buildings and Factories



Flat-type Ethernet Switches



Flat-type Ethernet Switches



Security Building Automation Switches

Suitable for buildings where security is strictly to be enforced, PLANET Industrial Wall-mount Managed Switches offer a comprehensive Layer 2 to Layer 4 Access Control List (ACL). Its switches can restrict network access by denying packets based on source and destination IP address, TCP/UDP ports or defined typical network applications. With PLANET Industrial Wall-mount Managed Switches, a tightly-controlled network can be easily had in no time.

FTTx/MAN Application

PLANET Industrial Wall-mount Managed Switches adopt the double tag VLAN (Q-in-Q) technology to provide low cost and easy operation for service providers carrying traffic for multiple customers across their networks. With two dual-speed SFP slots built in, the deployment distance of PLANET Industrial Wall-mount Managed Switches can be extended up to 120 kilometers (single-mode fiber), which provides a high-performance edge service for FTTx solutions.

To build a network solution of FTTH (Fiber to the Home) or FTTC (Fiber to the Curb) for ISPs, and FTTB (Fiber to the Building) for enterprises, the various distances of SFP and BiDi (WDM) transceivers are optional for customers. For security and various applications, the 8 Gigabit ports of PLANET Industrial Wall-mount Managed Switches can be configured with VLAN settings and connected to different units, offices, floors, houses and departments.



Built-in Unique PoE Functions for Powered Devices Management

Great for surveillance, wireless and VoIP networks, PLANET Industrial Wall-mount Managed PoE Switches feature such special PoE management functions as PD alive check, scheduled power recycling, PoE schedule and PoE usage monitoring.



SOHO/Home-use Gigabit Ethernet Automation Network Deployment

With its expanded home-use feature, PLANET Gigabit Ethernet Switches help SOHO/home users to create an integrated network that is so easily utilized for transmission of data and video. Wireless AP and IP camera devices work perfectly with PLANET Gigabit Ethernet Switches, which transmits data through Ethernet cables, thus helping SOHO/home users to build a cost-effective and reliable Gigabit Ethernet networking environment easily.

	Managed		Managed PoE+		Unmanaged	Unmanaged PoE+
Model	WGS-4215-8T	WGS-4215-8T2S	WGS-804HPT	WGS-4215-8P2S	WGS-803	WGS-804HP

Product Image



Hardware	10/100/1000BASE-T	8	8	8	8	8	8
	10/100BASE-TX	-	-	-	-	-	-
	1000 mini-GBIC	-	2	-	2	-	-
	100BASE-FX	-	Compatible	Compatible	Compatible	-	-
	10G SFP+ Slot	-	-	-	-	-	-
Power	Switch Fabric	16Gbps	20Gbps	16Gbps	20Gbps	16Gbps	16Gbps
	Inputs	12~48V DC or 24V AC		Dual 48~56V DC		12~48V DC or 24V AC	Dual 48~56V DC
	Connector	3-pin terminal block, DC socket					
Mechanical	Consumption	10 watts	7.9 watts	152 watts	162 watts	6 watts	140 watts
	Dimensions (W x D x H)	148 x 25 x 134 mm	178 x 25 x 134 mm	148 x 25 x 134 mm	178 x 25 x 134 mm	148 x 25 x 134 mm	148 x 25 x 134 mm
	Enclosure	IP30 metal					
Environment	Mounting	DIN-rail, wall-mountable and magnetic wall mount					
	Operating Temperature	-40~75 degrees C				-10~60 degrees C	
Regulatory	Operating Humidity	5% to 95%RH (non-condensing)					
	Emissions	FCC Class A, CE Class A					
	Stability	IEC60068-2-32 (Free Fall), IEC60068-2-27 (Shock), EC60068-2-6 (Vibration)					
PoE	PoE Standard	-	-	802.3af/802.3at	802.3af/802.3at	-	802.3af/802.3at
	PoE Port	-	-	4	4	-	4
	PoE Budget	-	-	144 watts	144 watts	-	120 watts
	PSE Type	-	-	End-span	End-span	-	End-span
	Power Pin Assignment	-	-	1/2(+), 3/6(-)	1/2(+), 3/6(-)	-	1/2(+), 3/6(-)
Protocol	VLAN	IEEE 802.1Q VLAN/Q-in-Q/Private VLAN/Protocol-based VLAN/Voice VLAN/GVRP				-	-
	IGMP Snooping	v2/v3/query				-	-
	Spanning Tree	802.1w/802.1s				-	-
	Data Redundancy	RSTP/MSTP				-	-
	QoS	Port-based/802.1P/IP DSCP Policy-based/Voice VLAN				-	-
	Security	802.1x, Static MAC, MAC filter, Port Security and IP Security				-	-
	Traffic Control	In/out rate limit, storm control				-	-
Management	Interface	Web, telnet, SSH and SSL				-	-
	SNMP	v1, v2c, v3 and trap				-	-
	System Log	System log and remote Syslog				-	-