

# PPSW-3100



- Rack Space: 1U
- Web Client

## ► Specifications

### Device

Original Manufacturer	PLANET
Product Type	Data Switch
Original Model	FGSW-1816HPS
Description	16-Port 802.3at PoE Switch , (PoE Budget 220W)

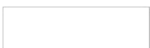
### Network

Network Protocol & Service	IP, TCP, UDP, STP, RSTP, IGMP, IEEE 802.1p, IEEE 802.1Q, SNMP
Ethernet Port	Total ports: 16 port(s) PoE: 16 port(s), Ethernet (10/100 Base-T), RJ-45 connector

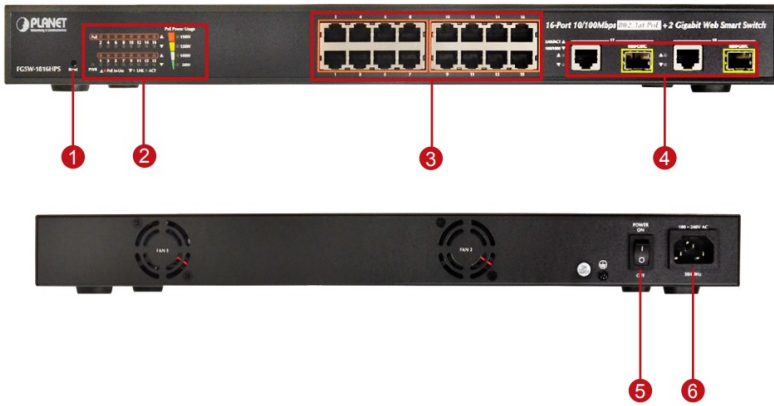
### General

PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Output	Maximum 30 Watts per port
PoE Power Budget	Maximum 220 W
Power Source	AC 100-240V
Weight	2550g (5.64lb)
Dimensions	(W x H x D): 440mm x 44.5mm x 200mm (17.32" x 1.75" x 7.87") Rack Space: 1U
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-10 °C ~ 70 °C (14 °F ~ 158 °F)

Remote Access	Web Client
Approvals	CE, FCC
Warranty	1 Year(s)









## ► Photo Indication



- 1 Reset Button
- 2 LED Indicators
- 3 PoE Ports
- 4 Gigabit TP/SFP Combo Port
- 5 Power Switch
- 6 Power Connector

## ► Related Products


### Cube - Cube

C11W		1.3MP Wireless Cube with Basic WDR, Fixed lens, f3.6mm/F1.8 (HOV:55°), H.264, 720p/30fps, 2D+3D DNR, Built-in Microphone, MicroSDHC, DC12V
E11		1MP Cube with Basic WDR, Fixed lens, f4.2mm/F1.8 (HOV:53.8°), H.264, 720p/30fps, DNR, Audio, PoE
E11A		1MP Cube with Basic WDR, Fixed lens, f4.2mm/F1.8 (HOV:53.8°), H.264, 720p/30fps, DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE
E13A		5MP Cube with Basic WDR, Fixed lens, f2.8mm/F2.0 (HOV:92.6°), H.264, 1080p/30fps, DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE
E14		10MP Cube with Basic WDR, Fixed lens, f3.6mm/F1.8 (HOV:99°), H.264, 1080p/30fps, DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE
E19		5MP Cube with Extreme WDR, SLLS, Fixed lens, f2.8mm/F1.8 (HOV:117.5°), H.265/H.264, 1080p/30fps, 2D+3D DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE




### Cube - Fisheye Cube

E16		10MP Fisheye Cube with Basic WDR, Fixed lens, f1.37mm/F2.0 (HOV:187.7° (overview area), 114.5° (high detail area)), H.264, DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE
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### Box - Micro Box

Q22		2MP Outdoor Micro Box with Basic WDR, SLLS, Fixed lens, f2.55mm/F2.2 (HOV:110.3°), H.264, 1080p/30fps, DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE/DC12V, IP68 (for Lens module and Lens cable), IK10 (metal casing), EN50155, DI/DO, RS-232
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### Box - Box

A213		5MP Box with D/N, Extreme WDR, ELLS, Fixed lens, f2.8mm/F2.0, Auto Back Focus, H.265/H.264, 2D+3D DNR, Built-in Microphone, MicroSDHC/ MicroSDXC, PoE/DC12V, DI/DO, RS-485
A29		2MP Box with D/N, Extreme WDR, ELLS, Fixed lens, f2.8mm/F1.8 (HOV:108.6°), Auto Back Focus, H.265/H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, RS-485
E217		2MP Video Analytics Box with D/N, Extreme WDR, SLLS, Fixed lens, f2.93mm/F2.0 (HOV:101.3°), H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, RS-422/RS-485, Built-in Analytics





### Box - Zoom Box

B26		3MP Video Analytics Zoom Box with D/N, Extreme WDR, SLLS, 36x Zoom lens, f4.6-165.6mm/F1.55-5.0 (HOV:57.6°-2.35°), DC iris, Auto Focus, H.265/H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, RS-422/RS-485, Built-in Analytics
I29		2MP Video Analytics Zoom Box with D/N, Extreme WDR, ELLS, 36x Zoom lens, f4.6-165.6mm/F1.55-5.0 (HOV:62.7°-2.7°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, RS-422/RS-485, Built-in Analytics



**Bullet - Bullet**





E31A		
E33A		5MP Bullet with D/N, Adaptive IR, Basic WDR, Fixed lens, f4.2mm/F1.8 (HOV:62.7°), H.264, 1080p/30fps, DNR, MicroSDHC/MicroSDXC, PoE, IP68, IK10 (metal casing)
E39		2MP Video Analytics Bullet with D/N, Adaptive IR, Extreme WDR, ELLS, Fixed lens, f3.6mm/F1.85 (HOV:90.6°), H.264, 1080p/60fps, 2D+3D DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE/DC12V, IP68, IK10 (metal casing), DI/DO, Built-in Analytics
E41		1MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal lens, f3.3-12mm/F1.6 (HOV:69.8°-19.1°), H.264, 720p/30fps, DNR, PoE, IP68, IK10 (metal casing)
E41B		1MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal lens, f2.8-12mm/F1.4 (HOV:59.8°-24.7°), H.264, 720p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10 (metal casing) , DI/DO
E43B		5MP Bullet with D/N, Adaptive IR, Basic WDR, Vari-focal lens, f2.8-12mm/F1.4 (HOV:69.2°-28.2°), H.264, 1080p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10 (metal casing), DI/DO
E46		3MP Bullet with D/N, Adaptive IR, Superior WDR, Vari-focal lens, f2.8-12mm/F1.4 (HOV:70.5°-28.8°), H.264, 1080p/30fps, DNR, PoE, IP68, IK10 (metal casing)
E47		1.3MP Bullet with D/N, Adaptive IR, Basic WDR, SLLS, Vari-focal lens, f2.8-12mm/F1.4 (HOV:83°-31.1°), H.264, 720p/60fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10 (metal casing) , DI/DO

**Bullet - Zoom Bullet**



B419		5MP Video Analytics Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 10x Zoom lens, f4.7-47mm/F1.6-3.0 (HOV:50.67°-5.14°), DC iris, Auto Focus, H.265/H.264, 1080p/30fps, 2D+3D DNR, Built-in Microphone, MicroSDHC/MicroSDXC, High PoE/DC12V, IP67, IK10 (metal casing), DI/DO, Built-in Analytics
B44		1.3MP Zoom Bullet with D/N, Adaptive IR, Basic WDR, SLLS, 10x Zoom lens, f4.9-49mm/F1.6-3.0 (HOV:52.1°-5.7°), DC iris, Auto Focus, H.264, 720p/60fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10 (metal casing), DI/DO
E417		2MP Video Analytics Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 10x Zoom lens, f4.9-49mm/F2.8-3.5 (HOV:60°-7.3°), Adaptive iris, Auto Focus (for installation), H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP68, IK10 (metal casing), DI/DO, Built-in Analytics
I42		2MP Video Analytics Zoom Bullet with D/N, Adaptive IR, Extreme WDR, ELLS, 36x Zoom lens, f4.6-165.6mm/F1.55-5.0 (HOV:62.7°-2.7°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10 (metal casing), DI/DO, Built-in Analytics

**Dome - Mini Dome**


E93		5MP Indoor Mini Dome with Basic WDR, Fixed lens, f1.9mm/F2.8 (HOV:126.9° (overview area), 77.4° (high detail area)), H.264, 1080p/30fps, DNR, MicroSDHC/MicroSDXC, PoE, IK08
E97		10MP Indoor Mini Dome with Basic WDR, Fixed lens, f3.6mm/F1.8 (HOV:101.4°), H.264, 1080p/30fps, DNR, MicroSDHC/MicroSDXC, PoE, IK08

E918		3MP Outdoor Mini Dome with Superior WDR, Fixed lens, f1.9mm/F2.8 (HOV:126.4° (overview area), 77.1° (high detail area)), H.264, 1080p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10, EN50155
E933		2MP Video Analytics Outdoor Mini Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed lens, f2.55mm/F2.2 (HOV:110.3°), H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10, EN50155, Built-in Analytics
E933M		2MP Video Analytics Outdoor Mini Dome with D/N, Adaptive IR, Extreme WDR, SLLS, M12 connector, Fixed lens, f2.55mm/F2.2 (HOV:110.3°), H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10, EN50155, Built-in Analytics
E936		2MP Video Analytics Outdoor Mini Dome with Extreme WDR, SLLS, Fixed lens, f2.55mm/F2.2 (HOV:110.3°), H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10, EN50155, Built-in Analytics








### Dome - Mini Fisheye Dome



E96		5MP Indoor Mini Fisheye Dome with Basic WDR, Fixed lens, f1.19mm/F2.0 (HOV:189.7° (overview area), 115.7° (high detail area)), H.264, DNR, MicroSDHC/MicroSDXC, PoE, IK08
E925		5MP Outdoor Mini Fisheye Dome with D/N, Adaptive IR, Basic WDR, Fixed lens, f1.19mm/F2.0 (HOV:189.7° (overview area), 115.7° (high detail area)), H.264, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP68, IK10, EN50155

### Dome - Dome




E54		5MP Indoor Dome with D/N, Adaptive IR, Basic WDR, Fixed lens, f3.6mm/F1.8 (HOV:72°), H.264, 1080p/30fps, DNR, PoE
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### Dome - Zoom Dome



B64		1.3MP Indoor Zoom Dome with D/N, Adaptive IR, Basic WDR, SLLS, 3x Zoom lens, f3-9mm/F1.2-2.1 (HOV:90.6°-31.8°), DC iris, Auto Focus, H.264, 720p/60fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IK09, DI/DO
E618		3MP Indoor Zoom Dome with D/N, Adaptive IR, Superior WDR, 4.3x Zoom lens, f3.1-13.3mm/F1.4-4.0 (HOV:64.4°-26.4°), P-Iris, Auto Focus (for installation), H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IK09, DI/DO
A83		2MP Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, ELLS, 4.3x Zoom lens, f2.8-12mm/F1.4-2.8 (HOV:88°-25°), P-Iris, Auto Focus (for installation), H.265/H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP66, IK10, DI/DO
B81		5MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, 3x Zoom lens, f3-9mm/F1.2-2.1 (HOV:85.7°-30.5°), DC iris, Auto Focus, H.264, 1080p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10, DI/DO
B83		2MP Video Analytics Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 3x Zoom lens, f3-9mm/F1.3-2.2 (HOV:102.1°-36°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10, DI/DO, Built-in Analytics
B85		2MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, SLLS, 3x Zoom lens, 3-9mm/F1.2-2.1 (HOV:103.6°-36.2°), DC iris, Auto Focus, H.264, 1080p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10, DI/DO
E815		5MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, 4.3x Zoom lens, f3.1-13.3mm/F1.4-4.0 (HOV:64.74°-25.8°), P-Iris, Auto Focus (for installation), H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP67, IK10, DI/DO

E816		10MP Outdoor Zoom Dome with D/N, Adaptive IR, Basic WDR, 4.3x Zoom lens, f3.1-13.3mm/F1.4-4.0 (HOV:90.6°-34.3°), P-Iris, Auto Focus (for installation), H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE, IP67, IK10, DI/DO
KCM-7311		4MP Outdoor Dome with D/N, Advanced WDR, SLLS, 3.6x Zoom lens, f3.3-12mm/F1.4-2.9 (HOV:77.2°-22.6°), P-Iris, Auto Focus, H.264, 1080p/15fps, 2D+3D DNR, Audio, MicroSDHC, PoE/DC12V, IP67, Vandal Proof, DI/DO



### Dome - Hemispheric Dome




B511A		12MP Video Analytics Indoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed lens, f1.65mm/F2.8 (HOV:198.5° (overview area), 121.1° (high detail area)), H.264, Dewarping, 2D+3D DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, Built-in Analytics
B57		6MP Video Analytics Indoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed lens, f1.3mm/F2.6 (HOV:187°), H.264, Dewarping, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, DI/DO, Built-in Analytics
B76A		12MP Video Analytics Outdoor Hemispheric Dome with D/N, Adaptive IR, Extreme WDR, SLLS, Fixed lens, f1.65mm/F2.8 (HOV:198.5° (overview area), 121.1° (high detail area)), H.264, Dewarping, 2D+3D DNR, Built-in Microphone, MicroSDHC/MicroSDXC, PoE/DC12V, IP68, IK10, DI/DO, Built-in Analytics

### PTZ - Mini PTZ


B911		3MP Video Analytics Outdoor Mini PTZ with D/N, Extreme WDR, SLLS, 10x Zoom lens, f4.7-47mm/F1.6-3.0 (HOV:58°-5.8°), DC iris, Auto Focus, H.265/H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10, DI/DO, Built-in Analytics
B912		5MP Video Analytics Outdoor Mini PTZ with D/N, Extreme WDR, SLLS, 10x Zoom lens, f4.7-47mm/F1.6-3.0 (HOV:50.67°-5.14°), DC iris, Auto Focus, H.265/H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10, DI/DO, Built-in Analytics

### PTZ - Speed Dome


B913		5MP Video Analytics Indoor Speed Dome with D/N, Extreme WDR, SLLS, 30x Zoom lens, f4.5-135mm/F1.6-4.4 (HOV:49.1°-2.23°), DC iris, Auto Focus, H.265/H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/DC12V, IK09, DI/DO, Built-in Analytics
B923		3MP Video Analytics Indoor Speed Dome with D/N, Extreme WDR, SLLS, 30x Zoom lens, f4.5-135mm/F1.6-4.4 (HOV:58.5°-3.2°), DC iris, Auto Focus, H.265/H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/DC12V, IK09, DI/DO, Built-in Analytics
B934		2MP Video Analytics Indoor Speed Dome with D/N, Extreme WDR, SLLS, 30x Zoom lens, f4.5-135mm/F1.6-4.4 (HOV:62.4°-3.5°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/DC 12V, IK09, DI/DO, Built-in Analytics
B915		3MP Video Analytics Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 36x Zoom lens, f4.6-165.6mm/F1.55-5.0 (HOV:57.6°-2.35°), DC iris, Auto Focus, H.265/H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/AC24V, IP66, IK10 (metal casing), DI/DO, Built-in Analytics
B916		2MP Video Analytics Outdoor Speed Dome with D/N, Extreme WDR, SLLS, 20x Zoom lens, f4.7-94mm/F1.6-3.5 (HOV:62°-2.8°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/AC24V, IP67, IK10, DI/DO, Built-in Analytics

I915		2MP Video Analytics Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, ELLS, 36x Zoom lens, f4.6-165.6mm/F1.55-5.0 (HOV:62.7°-2.7°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/AC24V, IP66, IK10 (metal casing), DI/DO, Built-in Analytics
I96		2MP Outdoor Speed Dome with D/N, Extreme WDR, ELLS, 30x Zoom lens, f4.3-129mm/F1.6-5.0 (HOV:66.4°-2.61°), DC iris, Auto Focus, H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/AC24V, IP67, IK10, DI/DO
I98		2MP Video Analytics Outdoor Speed Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 33x Zoom lens, f4.5-148.5mm/F1.6-5.0 (HOV:69.3°-3°), DC iris, Auto Focus, H.264, 1080p/60fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, High PoE/AC24V, IP66, IK10 (metal casing), DI/DO, Built-in Analytics



**Covert - Covert**

Q12		2MP Indoor Covert with Basic WDR, SLLS, Fixed lens, f2.55mm/F2.2 (HOV:110.3°), H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, EN50155, DI/DO, RS-232
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**Covert - Pinhole Covert**

Q112		5MP Indoor Pinhole Covert with Basic WDR, Fixed lens, f3.7mm/F2.5 (HOV:70.2°), H.264, 1080p/30fps, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, EN50155, DI/DO, RS-232
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**Covert - L-Shape Pinhole Covert**

Q113		2MP Indoor L-Shape Pinhole Covert with Basic WDR, SLLS, Fixed lens, f3.7mm/F2.5 (HOV:84.5°), H.264, 1080p/30fps, 2D+3D DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, EN50155, DI/DO, RS-232
Q115		5MP Indoor L-Shape Pinhole Covert with Basic WDR, Fixed lens, f3.7mm/F2.5 (HOV:70.2°), H.264, DNR, Audio, MicroSDHC/MicroSDXC, PoE/DC12V, EN50155, DI/DO, RS-232

**Door Station - Door Station**

Q950		6MP Outdoor Door Station with D/N, IR, Extreme WDR, SLLS, Fixed lens, f1.65mm/F2.8 (HOV:198.5° (overview area), 121.1° (high detail area)), RFID, PIR, Push Button, H.264, Dewarping, 2D+3D DNR, Built-in Microphone, Speaker, MicroSDHC/MicroSDXC, PoE/DC12V, IP66, IK09, DI/DO, RS-422/RS-485
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**Enclosures - Box Camera Housing**

PMAX-0208		Explosion Proof Housing with Heater, Fan (AC 110V~220V) and Bracket
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