



# Smart Architecture of Espadana

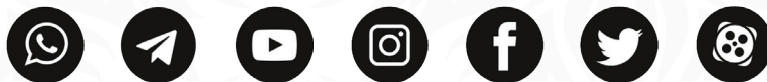
Designing, Production, Customization and Consultant Service  
in Network and Fiber Optic System



## Technical Specification

# HUM-PE16G-2GF

16 ports PoE 10/100/1000Mbps switch & 2 Up-link Gigabit SFP fiber slot ports





### Product Description

- Reliable power supply for network surveillance cameras
- 16 x 10/100 /1000 Mbps Ethernet ports with RJ45
- auto sensing capability
- 2 x Up-link Gigabit SFP (Fiber Ports), Uplink ports 1 Gbps fiber interface
- Compliant with IEEE 802.3af/at
- Port auto-flip such as Auto MDI/MDIX
- Provide full duplex based on IEEE802.3x and half duplex based on Backpressure
- Total Permissible PoE power: 200 W
- Adaptive with store -and -forward architecture
- Economic and smart PoE switch

### Full Description

This smart and economic PoE switch (HUM-PE16G-2GF) make both Data and Power transmission possible over a single cable. All the Ethernet ports are capable of connecting with 10/100/1000Mbps and the uplink port of this switch is two 1000 Base-X SFP Ports. PoE is available on all PoE signed ports using IEEE 802.3af/at standard. Auto-sensing technology, used in this device let the users to connect both PoE and non-PoE devices to HUM-PE16G-2GF with no consideration or hesitation. Additionally, this manageable PoE Switch can recognized automatically PoE demands of devices and automatically disconnect the power when PoE device is disconnected or turned off. It is also capable of recognizing speed, duplex, and cable type using Auto Uplink™.

The high quality of components let the HUM-PE16G-2GF, have superior performance in stability and environmental adaptability. The product designed to be resistant and to corrosion and electromagnetic interference. Power adaptor, installed within the product provide a reliable and low noise source of power for this device.



Applications

- IP cameras monitoring systems and transmitting systems
- Access points wireless systems and transmission data
- IP telephone, virtual PABX and intelligent unmanned systems
- Management and support Intelligent transportation supervisory (ITS)
- Monitoring TV medical and management
- School, campus, and... monitoring and remote control

Technical specification

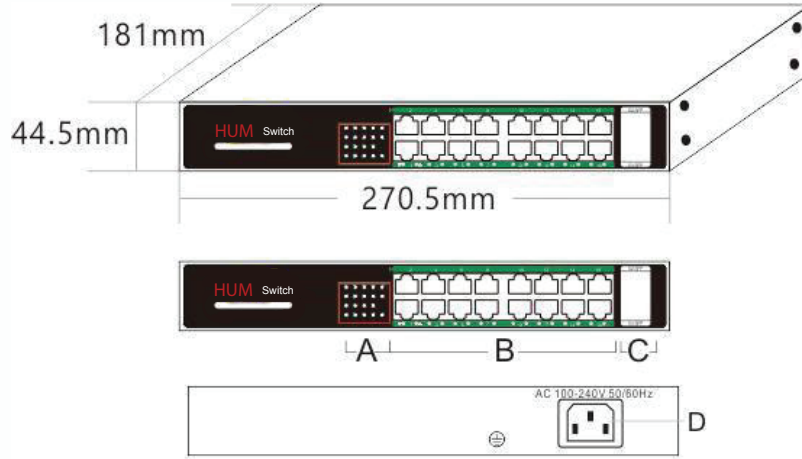
<b>Product</b>	<b>HUM-PE16G-2GF</b>	
<b>Transfer Mode</b>	Store-And-Forward	
<b>Performance</b>		
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)	4M	
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)	52Gbps	
Forwarding Rate in Millions of Packets per Second (Mpps)	26.78Mpps	
MAC Size	8k	
<b>Interface</b>		
Ports	16×PoE 10/100/1000Mbps ports 2×Up-link Gigabit SFP fiber slot ports	
<b>Supported Network Protocols and Standards</b>		
<ul style="list-style-type: none"> <li>➤ IEEE 802.3i 10BASET</li> <li>➤ IEEE 802.3u 100BASETX</li> <li>➤ IEEE 802.3x</li> <li>➤ IEEE 802.3af/at PoE protocol on 1-16 Ports</li> <li>➤ IEEE802.3ab 1000Base-T</li> </ul>		
<b>Status LEDs</b>	Power Supply LED, Connecting and PoE Working Status LEDs	
<b>Power</b>		
Output	Total: 250W Max/Port: 30 W Average/Port: 15.4 W	
Input	AC100-240V 50/60Hz (Depending on the country)	
Consumption	20 W on standby/ 250W on Full load	



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<b>Certificate</b>	
Radiation	CE mark, commercial, FCC Part 15 Class B VCCI Class B, EN 55022 CISPR 22 Class B
Safety	CE Mark, commercial, CE/LVD EN60950
<b>Environmental aspects</b>	
Dimensions	270×181×44.5mm 1.7Kg<W<2.2Kg
Working Environment	Operating Temperature: 20°~ 55°C Storage Temperature: 40 ~ 75 C; Humidity: 5% ~ 90%, non- condensing; Storage Humidity: 5 % ~ 90 %, non- condensing;
Anti-surge / Protection Level	Anti-surge:4KV 8/20us; Protection Level-IP30

Product Size Display



- A. Working indicator
- B. 16\*PoE ports
- C. 2\*1000M uplink SFP ports
- D. Power input port AC100-240V,50-60Hz

Product Application Display

