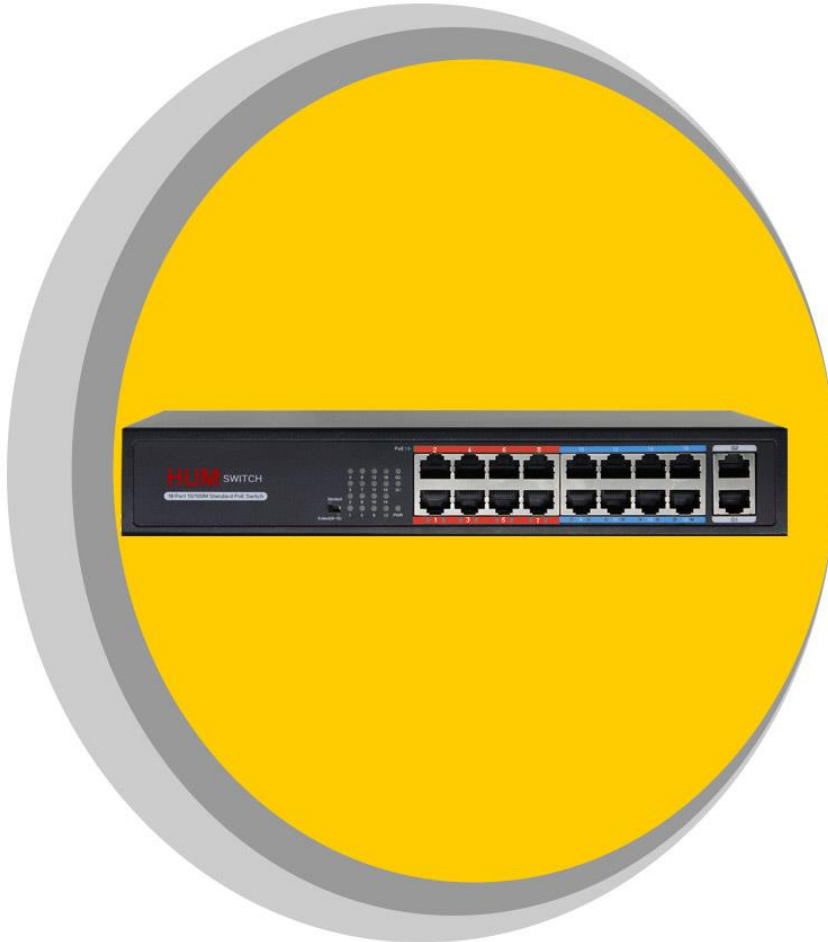




Smart Architecture of Espadana

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



Technical Specification

HUM-PE16E-2GC

16 ports PoE 10/100Mbps switch & 2 Up-link Gigabit





Product Description

- Reliable power supply for network surveillance cameras
- 16 x 10/100Mbps Ethernet ports with RJ45
- auto sensing capability
- 2 x Up-link Gigabit RJ45 ports
- 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-PE16E-2GC**) make both Data and Power transmission possible over a single cable. All the Ethernet ports are capable of connecting with 10/100Mbps and the uplink port of this switch is two 1000 RJ45 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-PE16E-2GC** 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-PE16E-2GC**, 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.



Application

- 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

| | | |
|--|---------------------------------------|-----------|
| Product | 16-ports PoE Switch | |
| Product Model | HUM-PE16E-2GC | |
| Transfer Mode | Store-And-Forward, BF Rate: 1.490Mpps | |
| Performance | | |
| 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) | | 26.78Mbps |
| MAC Size | | 8k |
| Interface | | |
| Ports | 16×PoE 10/100Mbps ports | |
| | 2×Up-link Gigabit RJ45 ports | |
| Network Medium | | |

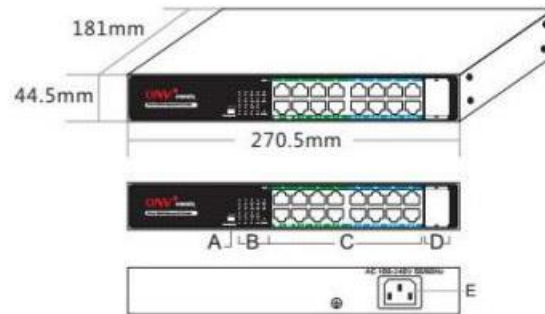


16 ports PoE 10/100Mbps switch & 2 Up-link Gigabit

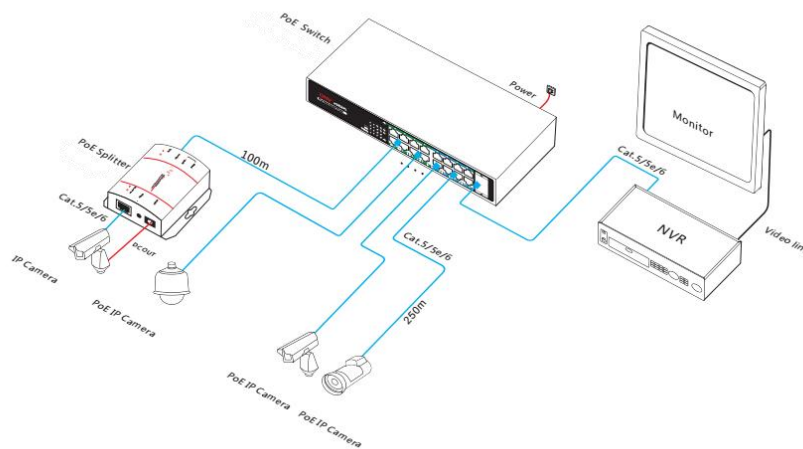
| | |
|---|---|
| <ul style="list-style-type: none"> ➤ 10BASE-T: Cat3/4/5 UTP (≤100 meter) ➤ 100BASE-TX: Cat5/5e/6 UTP(≤100 meter) | |
| Supported Network Protocols and Standards | |
| <ul style="list-style-type: none"> ➤ IEEE 802.3i 10BASET ➤ IEEE 802.3u 100BASETX ➤ IEEE 802.3x ➤ IEEE 802.3af/at PoE protocol on 1-16 Ports ➤ IEEE802.3ab 1000Base-T | |
| Status LEDs | Power Supply LED, Connecting and PoE Working Status LEDs |
| Power | |
| Input | AC100-240V |
| Output | Total: 250W Max/Port: 30 W Average/Port: 15.4 W |
| Consumption | 20 W on standby/ 250W on Full load |
| Certificate | |
| Radiation | FCC Class A, CE, RoHs |
| Safety | CE Mark, Commercial, CE/LVD EN60950 |
| Dimensions | 270×181×44.5mm 1.7Kg<W<2.2Kg |
| Working Environment | Operating Temperature: -20 ° ~ 55 °C; Storage Temperature: -40 ° ~ 75 °C; Humidity: 10% ~ 90%, non-condensing; Storage Humidity: 5% ~ 95%, non-condensing; Working Altitude: 3000 m (10,000 ft); Storage Altitude: 3,000 m (10,000 ft) |



Product Application Display



A. Multi-functional switch B. Working LED indicator
C. 16*PoE port D. 2*10/100/1000M uplink RJ45 port
E. Power input port AC100-240, 50/60Hz



HUM-PE16E-2GC