AVYCON®

# AVN-E16-2P16W250

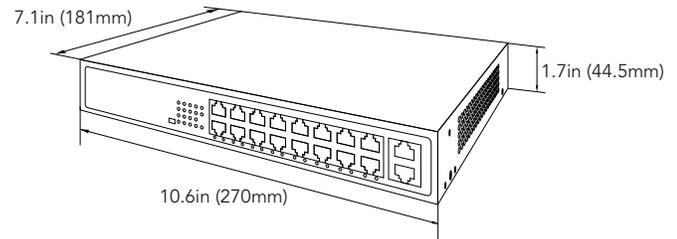CE | FC

18 Port Gigabit Uplink Smart PoE Switch

## OVERVIEW

- 10/100M access, Gigabit RJ45 uplink
- Smart PoE power supply
- Stable and reliable, Easy to use
- IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
- 16x 10/100Base-TX PoE ports
- 2x 10/100/1000Base-T uplink RJ45 ports
- Reliable Power Adapter supply power for both network switch and PoE
- Max Power per Port: 30W, PoE+

## DIMENSIONS

Unit : inch(mm)

7.1in (181mm)

1.7in (44.5mm)

10.6in (270mm)

## OPTIONAL ACCESSORIES

# SPECIFICATIONS

| INTERFACE CHARACTERISTICS | |
|---|---|
| Fixed Port | 16*10/100Base-TX PoE ports (Data/Power) |
| | 2*10/100/1000Base-T uplink RJ45 ports (Data) |
| Ethernet Port | Port 1-16 support 10/100Base-TX and port 17-18 support 10/100/1000Base-T(X) auto-sensing, full/ half duplex MDI/ MDI-X self-adaption |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP (≤250 meters) |
| | 100BASE-TX: Cat5 or later UTP (≤100 meters) |
| | 1000BASE-T: Cat5e or later UTP (≤100 meters) |
| Functional Switch | 100m/ 250m function switch default is off |
| | When 100m turned on, 100 meters transmission. |
| | When 250m turned on, port 9-16 support 10M 250 meters transmission |
| **CHIP PARAMETER** | |
| Network Protocol | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x |
| Forwarding Mode | Store and Forward(Full Wire Speed) |
| Switching Capacity | 14.8Gbps (Non-blocking) |
| Forwarding Rate@64byte | 5.36Mpps |
| MAC | 16K |
| Buffer Memory | 4M |
| Jumbo Frame | 10K |
| LED Indicator | Power: PWR (Green), Network: Link(Green), PoE: PoE (Green) |
| **PoE & POWER SUPPLY** | |
| PoE Port | Port 1-16 |
| Power Supply Pin | 1/2(+) 3/6(-) |
| Max Power Per Port | 30W, PoE+ |
| Total PWR / Input Voltage | 250W (AC100-240V) |
| Power Consumption | Standby<15W, Full load <250W |
| Power Supply | Built-in power supply, AC100~240V 50-60Hz, 4.1A |
| **PHYSICAL PARAMETER** | |
| Operation TEMP / Humidity | -4~+131°F (-20~+55°C), 5%~90% RH Non condensing |
| Storage TEMP / Humidity | -40~+167°F (-40~+75°C), 5%~95% RH Non condensing |
| Dimension (L*W*H) | 10.6 x 7.1 x 1.7in (270 x 181 x 44.5mm) |
| Net /Gross Weight | 3.4lb / 4.5lb (1.55kg / 2.05kg) |
| Installation | Desktop, Wall mounted, 1U 19'' Rack mounted |
| **CERTIFICATION & WARRANTY** | |
| Lightning Protection | 4KV 8/20us, Protection level: IP30 |
| Certification | CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS |