



UNMANAGED 10 PORT AI POE SWITCH,
8 * POE PORTS + 2 * RJ45 UPLINK PORTS;
LONG DISTANCE TRANSMISSION, VLAN,
AI SELF- HEALING; IEEE 802.3af/at,
TOTAL 120W BUILT-IN POWER

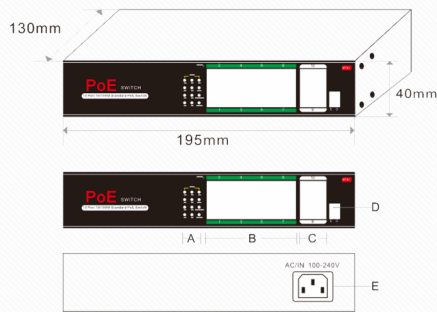
S20802C12AI



FEATURES

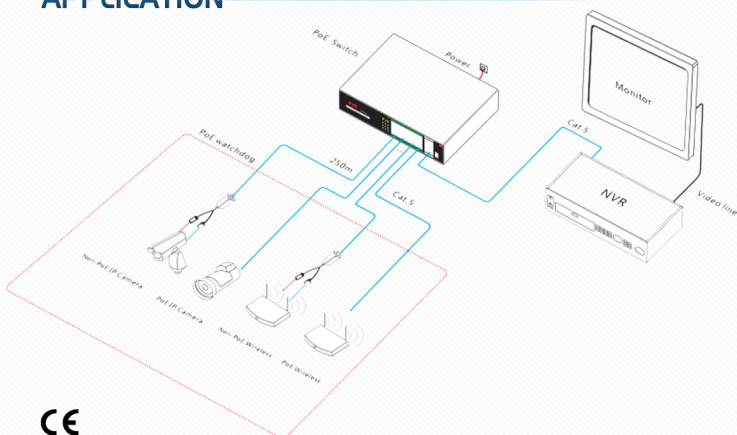
- 8*10/100 Base-TX PoE ports + 2*10/100 Base-TX Uplink RJ45 ports;
- Supports non-blocking wire-speed forwarding;
- Supports full-duplex based on IEEE802.3x and half-duplex based on backpressure;
- IEEE 802.3af/at standard, automatically identify power requirement of PoE devices without damaging non-PoE devices;
- Maximum PoE output power budget is 120W. and the maximum PoE output power of a single port is 30W;
- Multi-function Switch: Long Distance Transmission Mode, ≤250 meters @10M;
- Supports VLAN Isolation, AI Self-Healing, and Power Priority Mode;
- Plug and play;

DIMENSION



- A. Working indicator B. 8*10/100M PoE ports
C. 2*10/100M uplink ports D. Functional switch
E. Power input port AC100-240V, 50/60Hz

APPLICATION



SPECIFICATIONS

| MODEL | S20802C12AI |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface | 8*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX uplink RJ45 ports (Data) |
| Ethernet Port | Port 1-10 can support 10/100BaseT (X) auto detect, full / half duplex MDI / MDI-X adaptive |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) |
| Function Switch | E: When "ON", Port 1-8 supports VLAN and long distance transmission 10M/ 250m; When "OFF", 100m transmission. D: When "ON", Port 1-8 supports AI self-healing. When the network fails, PoE watchdog will restart the power of the device and repair network communication. |
| CHIP PARAMETER | |
| Network Protocol | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3x |
| Forwarding Mode | Store and Forward(Full Wire Speed) |
| Switching Capacity | 2Gbps |
| Forwarding Rate@ 64byte | 1.488Mpps |
| MAC | 2K |
| Buffer Memory | 1.25M |
| Jumbo Frame | 1536byte |
| LED Indicator | Power: PWR (Green), Network: Link (Yellow), POE : PoE (Green), Functional Switch: EXTEND (Green) |
| POE & POWER | |
| PoE Port | Port 1 to 8 IEEE802.3af/at |
| Power Supply Pin | 1/2(+),3/6(-) |
| Max Power Per Port | 30W; IEEE802.3af/at |
| Total PWR/Input Voltage | 120W (AC100-240V) |
| Power Consumption | Standby<5W, Full load<120W |
| Power Supply | Built-in power supply, AC100~240V 50-60Hz 2.2A |
| PHYSICAL PARAMETER | |
| Operation Temperature/ Humidity | -20~+55°C;5%~90% RH Non Condensing |
| Storage Temperature/ Humidity | 40~+80°C;5%~95% RH Non Condensing |
| Dimensions (L*W*H) | 195mm*130mm*40mm |
| Net /Gross Weight | <0.8kg/<1.2kg |
| Installation | Desktop, Wall-mounted |
| Lightning Protection | Lightning protection: 4KV 8/20us |
| Ingress Protection Level | IP30 |
| Certification | CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS; |

Disclaimer: Design & specifications are subject to change without prior notice.