

EP-816VX / EP-816CX ***16 Port 10/100 Ethernet Desktop Switch***



EP-816CX



EP-816VX

SURECOM's 16 Port 10/100M Ethernet Desktop Switch series provide variety housing for option. EP-816VX, with SURECOM's unique modeling design to allow users can easily stack switches when installation. EP-816CX provides metal housing to fit enterprise's application.

Easy Expansion & Use

With Auto MDI/MDIX function supported, users can easily expand network without using special cabling. Besides, EP-816VX and EP-816CX both support Auto-Negotiation Capability. This makes users without any configuration when connecting your client or other switches.

Compact Housing Design for Easy Installation

EP-816VX, providing desktop plastic housing, allows you to stack for installation. EP-816CX designated by metal housing providing reliable and stable performance. These two models of 16 port switch is the best solution for SOHO and SMB networking.

Feature

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE 802.3x flow control standards
- 16 10/100Mbps RJ-45 ports
- Supports 10/100M auto-detect half/full duplex
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- Supports back pressure in half-duplex operation mode
- Supports store & forward architecture and performs forwarding and filtering at non-blocking full wire speed
- Source address learning and aging function
- LEDs to indicate: FDX/Col., 100 (10/100Mbps), Link/Act. and Power Status

Specifications

| Model | EP-816VX | EP-816CX |
|--------------------|---|---|
| Description | 16 Port 10/100M Ethernet Desktop Switch | 16 Port 10/100M Ethernet Desktop Switch |
| Standards | IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX Fast Ethernet IEEE802.3x flow control for Full-Duplex ANSI/IEEE Std 802.3 N-Wat auto-negotiation IEEE802.3 Frame types: Transparent | |
| Media | 10BASE-T: UTP Cat. 3, 4, 5 or up 100BASE-TX: UTP Cat. 5 or up | |
| No. Of Port | 16 10/100Mbps RJ-45 ports | |
| Auto MDI/MDI-X | Yes | |
| Transmission Mode | 10/100Mbps, full/half-duplex (Auto-sensing) 10/100Mbps, full/half-duplex (Auto-sensing) | |
| Transfer Rate | 10Mbps: 14880pps (64 Bytes Package) 100Mbps: 148800pps (64 Bytes Package) | |
| Flow Control | IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode | |
| Switching Method | Store & forward | |
| MAC Address Table | 2K | |
| RAM Buffer | 96KB | |
| Power Supply | External Power (DC 7.5V, 2A) | Internal Switching Power (AC90~264V, 47~63Hz) |
| Environmental | Temperature | Humidity |
| Temperature | Operation 0 ~45 | 10%~90% |
| Humidity | Storage 0 ~60 | 5%~95% |
| Physical Dimension | 184X155.7X52 mm | 276X148.5X40 mm |
| Case Material | Metal | |
| Conformance | FCC Class A, CE Mark Class A | |

Order Information

| Model | Description |
|----------|---|
| EP-816VX | 16 Port 10/100 Ethernet Desktop Switch (Plastic Case) |
| EP-816CX | 16 Port 10/100 Ethernet Desktop Switch (Metal Case) |

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