

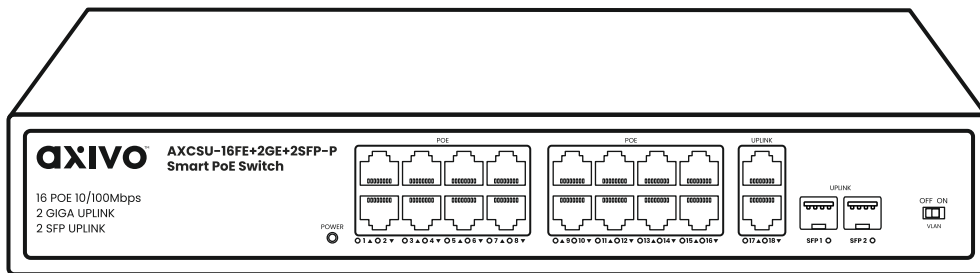


Connect • Innovate • Inspire

**Always On.  
Always Connected.**

## AXCSU-16FE+2GE+2SFP-P

**16-Port 10/100 Mbps Unmanaged PoE Switch  
With 2 GIGA Uplink Ports and 2 SFP Uplink Ports**



This Smart PoE switch provides power and data from a single port, using Power over Ethernet (PoE) over a single Cat5/Cat6 cable. It can be used for any 10/100Mbps links and supply industry-standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af/at end devices. In addition, the PoE switch automatically determines PoE requirements, speed, duplex and cable type using Auto Uplink. Easy to operate and reliable.

This Smart PoE switch is ideal for powering PoE devices such as IP Cameras, WLAN Access Point, IP Phones, Office Access Control Systems and other powered devices and offers a line of high quality products that provide a total solution for Ethernet applications in different environments.

### Features



Safe Reliance  
High Stability



Fan Less  
Design



Overload Current  
Protection



Compatible with  
IEEE 802.3af/at  
Standard



Plug and Play  
Installation

### Applications

- Wireless Access Points • IP Cameras
- VOIP Phones • Computer Networks
- Applications are Infinite.



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## Technical Specifications

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name                       | AXCSU-16FE+2GE+2SFP-P                                                                                                                           |
| Product Description              | 16-Port 10/100 Mbps Unmanaged PoE Switch with 2 GIGA Uplink Ports & 2 SFP Uplink Ports                                                          |
| Data Pin                         | 1/2 +ve, 3/6 -ve                                                                                                                                |
| Power Supply                     | Built-in, 1/2 +ve, 3/6 -ve                                                                                                                      |
| Total Power Budget               | 400W                                                                                                                                            |
| Max. PoE Power for Single Port   | 30W                                                                                                                                             |
| Connectors                       | 16*10/100mbps PoE ports, 2*10/100/1000mbps Uplink ports, 2*10/100/1000mbps SFP Ports                                                            |
| Network Medium                   | Category 5 cable and above                                                                                                                      |
| <b>Technology</b>                |                                                                                                                                                 |
| Network Standards                | IEEE 802.3i 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3z, IEEE 802.3ab 1000BASE-T<br>IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet |
| PoE Power                        | 30W per port (IEEE802.3af/at), <b>Wiring:</b> Data & Power provided over pairs 1/2 and 3/6                                                      |
| Processing Types                 | Store-and-forward, Half-duplex back pressure and<br>IEEE 802.3x full-duplex flow control                                                        |
| Address Database Table Size      | 8K MAC address entry                                                                                                                            |
| Buffer Memory                    | 48Kb embedded memory per unit                                                                                                                   |
| Backplane Capacity               | 9.2 Gbps                                                                                                                                        |
| Network Latency                  | Less than 20us for 64 bit frames in store-and-forward mode for<br>100Mbps to 100Mbps transmission                                               |
| <b>Power</b>                     |                                                                                                                                                 |
| Input                            | AC 110-240V, 50/60 Hz                                                                                                                           |
| PoE Power Consumption            | 30W per port (IEEE802.3af/at)                                                                                                                   |
| Overload Current Protection      | Present - Anti Thunder                                                                                                                          |
| <b>Mechanical</b>                |                                                                                                                                                 |
| Casing                           | Metal                                                                                                                                           |
| Installation                     | 1U Rack Mountable                                                                                                                               |
| <b>Interface</b>                 |                                                                                                                                                 |
| LED Indicators                   | <b>System:</b> Mains Power, PoE Maximum power; <b>Per Port:</b> Link, Active                                                                    |
| <b>Environment Specification</b> |                                                                                                                                                 |
| Operating Temperature            | -10°C to 55°C                                                                                                                                   |
| Storage Temperature              | -40°C to 70°C                                                                                                                                   |
| Operating Humidity               | 90% maximum relative humidity, non-condensing                                                                                                   |
| Storage Humidity                 | 95% maximum relative humidity, non-condensing                                                                                                   |
| <b>Regulatory Approval</b>       |                                                                                                                                                 |
| ISO                              | Manufactured in ISO 9001:2015 facility                                                                                                          |
| Safety                           | FCC/CE/RoHS                                                                                                                                     |
| Warranty                         | 2 years                                                                                                                                         |
| Weight                           | 1.95Kg.                                                                                                                                         |

*\*Warranty will be subject to T&C specified in the Axivo product warranty page on the website.  
\*Specifications are subject to change without notice.*

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