



## Industrial 10/100M Media Switch

### AK-S3500 Series

#### General Description

AK-S3500 series is a kind of industrial 10/100M media Switch, it supports one 10/100Mbps RJ45 port and one 100Base-FX SFP port. It supports Web/Telnet/SNMP remote managed function. It supports LFP function, it is easy to check the network connection status, it also support CE, FCC standard, AK-S3500 adopt industry standard design, IP30 protection, rugged high-strength metal case, power supply input(DC 24~48V), -40 to 85 °C working temperature.

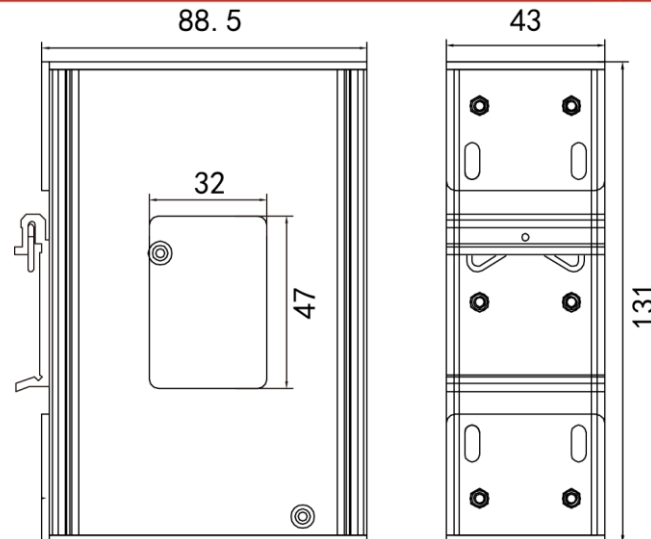
#### Outline



#### Key Features

- ☑ IEEE802.3/802.3u/802.3x, store and forward;
- ☑ Support one 10/100Mbps port and one 100Base-FX SFP port;
- ☑ Ethernet port support 10/100M auto negotiation;
- ☑ Support LFP function;
- ☑ Support Web/Telnet/SNMP /OAM managed function;
- ☑ Default IP address 192.168.0.168, default user name/password root/root;
- ☑ DC 24~48V power input;
- ☑ IP30 protect grade, high strength iron shell, DIN Rail installation.

#### Structure Diagram (Unit:mm)



## Technical Parameter

<b>Protocol</b>	<b>Standard:</b> IEEE802.3, IEEE802.3u, IEEE802.3x; <b>Flow control:</b> IEEE802.3x, back pressure control.
<b>Interface</b>	<b>Ethernet port:</b> 10/100Base-TX auto negotiation; <b>Fiber port:</b> 100Base-FX Optical SFP Module interface.
<b>Managed function</b>	Support Web/Telnet/SNMP/OAM managed function, default IP address:192.168.0.168, default user name/password:root/root.
<b>Transmission</b>	<b>Twisted pair:</b> 100m (Standard CAT5/CAT5e cable) <b>Multi mode fiber:</b> 1310nm, 2Km <b>Single mode fiber:</b> 1310nm, 20/40Km
<b>Exchange of attribute</b>	<b>100M forward speed:</b> 148810pps; <b>Transmission:</b> Store and forward; <b>Memory:</b> 1Mbits; <b>MAC address:</b> 1K
<b>Power supply</b>	<b>Power input:</b> 24VDC(DC 24~48V) <b>Terminal block:</b> 3 bits 7.62mm terminal block <b>No-load power consumption:</b> 1.512W 24VDC <b>Full-load power consumption:</b> 1.800W 24VDC Support reverse connection protection
<b>Mechanical</b>	<b>Shell:</b> IP30, high strength iron shell; <b>Installation:</b> DIN Rail; <b>Weight:</b> 346.6g <b>Dimension (W×H×D):</b> 43mm×88.5mm×131mm
<b>Environmental</b>	<b>Operating Temperature:</b> -40 to 85 ℃ <b>Storage Temperature:</b> -45 ℃ to 85 ℃ <b>Ambient Relative Humidity:</b> 10 to 95% (non-condensing)
<b>Standard</b>	<b>EMI:</b> FCC Part 15, CISPR (EN55022) class A <b>EMS:</b> EN61000-4-2 (ESD), Level 1 EN61000-4-4 (EFT), Level 4



	EN61000-4-5 (Surge), Level 3 <b>Shell:</b> IEC 60068-2-27
<b>Certification</b>	CE, FCC, RoHS, PAL

## Ordering Information

Product	Description
AK-S3510	One 10/100M port and one 100Base-FX SFP port, DC 24-48V.
AK-S3530	One 10/100M port and one 100Base-FX SFP port, DC 24-48V; Support PSE function.
AK-S3532	One 10/100M port and one 100Base-FX SFP port, DC 24-48V; Support Telnet/SNMP/OAM managed function; Support PSE function; Default IP address:192.168.0.168; Default user name/password:root/root.
AK-S3533	One 10/100M port and one 100Base-FX SFP port, DC24-48V; Support Web/Telnet/SNMP managed function; Support PSE function; Default IP address:192.168.0.168; Default user name/password:root/root.
AK-S3512	One 10/100M port and one 100Base-FX SFP port, DC 24-48V; Support Telnet/SNMP managed function; Default IP address:192.168.0.168; Default user name/password:root/root.
AK-S3513	One 10/100M port and one 100Base-FX SFP port, DC24-48V; Support Web/Telnet/SNMP managed function; Default IP address:192.168.0.168; Default user name/password:root/root.