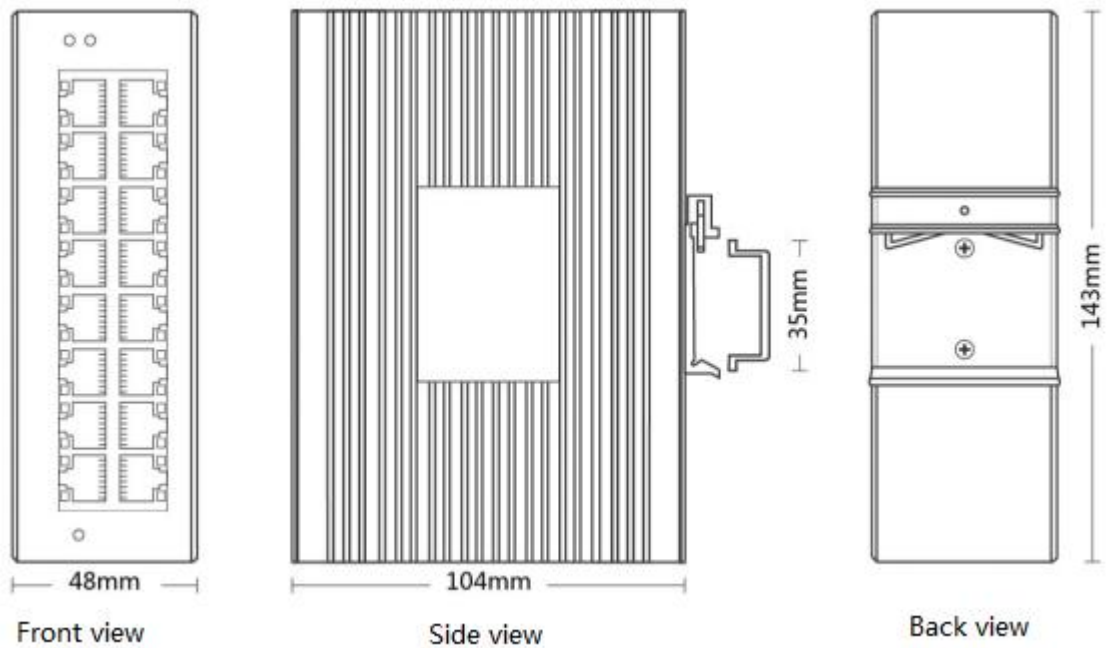# USR-SDR160

Unmanaged Ethernet Switches | 16 Port

1. Overview

This device uses fanless, low power consumption design, has the advantages of convenient use, small size, simple maintenance and so on. The design of the product conforms to the Ethernet standard, with lightning protection and anti-static protection measures, and a wide range of operating temperature of -40°C ~ 85°C. Its performance is stable and reliable, which can be widely used in various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, electric power, water conservancy and oil fields.

2. Size and Appearance

48mm
Front view

104mm
Side view

35mm

143mm

Back view

3. Parameters

Model		USR-SDR160
Interface	Power interface	Phoenix terminal, redundant dual power supply
	Network interface	10/100 Base - T
	Network number	16*10/100M
	LED indicators	PWR，Link/ACT
Cable type	Twisted-pair	100m（CAT5E, CAT6）
Input voltage	Input voltage	DC 10-58V
	Total power consumption	Normal model<6W
Network Topology	Star topology	support
	Bus topology	support
	Tree Topology	support
Parameters	MAC address table	16K
	Buffer	4M
	Forwarding delay	<5us
	MDX/MIDX	Support
	Flow control	Support
	Jumbo frame	10k bytes
	Switching capacity	32G
	Packet forwarding rate	23.8Mpps
EMC&Ingress protection	IP level	IP40
	Power surge protection	IEC 61000-4-5 Level 3（4KV/2KV）（8/20us）
	Ethernet port surge protection	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us）
	EMI	CLASS A
	ESD	IEC 61000-4-2 Level 4 （8K/15K）
	Free fall	0.5m
Environment	Operating temperature	-40°C~+85°C
	Storage temperature	-40°C~+85°C
	Relative humidity	5%~95%，（non-condensing）
	Thermal methods	No fan design, natural heat dissipation
MTBF	MTBF	100000 hours
Mechanical structure	Size	143X104X48mm
	Installation method	DIN rail
	Shell material	Aluminium alloy
	Weight	0.8kg