

1RU Universal Subrack Chassis with 6 Card Slots



- Accepts 6 Single-Slot Cards or 3 Dual-Slot Cards
- Utilizing Two External 60 Watt Power supplies for Power Redundancy
- Optional Internal Isolated Switching Power Circuit 12-48 VAC/DC (E99 model)
- Hot-swappable Cards
- Front Panel Power Supply Status Indicator Lights
- Reversible Mounting Ears
- Front or Rear Loading
- Built-in Super Quiet, Side-Mounted Fans for Enhanced Thermal Management
- Standard EIA 19" 1RU (1.75") Chassis Configuration

SPECIFICATIONS:

Power		
Input Power		87 VAC ~ 264 VAC
Indicators		
1	Green	Power 1 On
1	Green	Power 2 On
Physical		
Dimensions		483mm (19")L x 322mm (12.67")D x 45mm (1.75")H
Weight		2.3 Kg (5 lbs.)

Environmental	
Operating Temperature	-40°C to +74°C
Storage Temperature	-55°C to +85°C
Relative Humidity	0 to 95% Non-condensing
Quality	
MTBF	>260,000 hours @ Ground Fixed 35°C per MIL217F

DESCRIPTION:

The SR-1600 is a universal 1RU high subrack that accepts all Meridians fiber optic transmission cards.

The chassis is made of precision extruded aluminum components and utilizes external 110/220 VAC power supplies.

Reversible rack mounting ears for either front or rear access to cards.

The SR-1600/S-PC and SR-1600/R-PC versions of this chassis are diagnostic ready and will interface between Meridians PC based SpectraSmart™ Software and diagnostic-equipped signal units using Master (SX-PC-M) or Expansion (SX-PC-E) Diagnostic cards.

Note: See SX-PC-M and SX-PC-E data sheet for further details

APPLICATIONS:

- ✓ Security and Surveillance
- ✓ Campus Educational Networks
- ✓ Military Communications
- ✓ Industrial Process Controls
- ✓ Video Teleconferencing
- ✓ Intelligent Transportation System
- ✓ Power plant security
- ✓ Hospitals, Schools, Universities
- ✓ Airports, Subways, Highways, Tunnels, Bridges
- ✓ Audio Video & Broadcast

Ordering Options

	Model	Description	SpectraSmart™ Diagnostic Ready
Chassis	SR-1600/S	1RU rack mount chassis. 6-slots with single power supply, 9.0 VDC (PS-60*)	NO
	SR-1600/R	1RU rack mount chassis, 6-slots with two power supplies for redundancy, 9.0 VDC (PS-60*)	NO
	SR-1600/S-PC	1RU rack mount chassis. 6-slots with single power supply, 9.0 VDC (PS-60*)	YES
	SR-1600/R-PC	1RU rack mount chassis, 6-slots with two power supplies for redundancy, 9.0 VDC (PS-60*)	YES
	SR-1600/S-E99	1RU rack mount chassis. 6-slots with single power supply, 12-48 VAC/DC (WP-24E*)	NO
Optional Diagnostic Cards	SX-PC-M	Master SpectraSmart™ Diagnostic Card. Sold separately.	
	SX-PC-E	Expansion SpectraSmart™ Diagnostic Card. Sold separately.	
For details on chassis and diagnostic cards - go to: WWW.MERIDIAN-TECH.COM -> PRODUCTS -> ACCESSORIES -> SUBRACK FRAMES			
Recommended Power Supplies	DC Power	PS-60 External 60 Watt Power supply. Input: 100 - 240 VAC, 50/60 Hz, Output: 9.0 VDC@ 8.0 A	
	AC Power	WP-24E External 35 Watt Power supply. Input: 100 - 240 VAC, 50/60 Hz, Output: 24VAC@ 1.5 A	
For details on power supplies - go to: WWW.MERIDIAN-TECH.COM -> PRODUCTS -> ACCESSORIES -> POWER SUPPLIES			