



Universal Standalone Chassis

User Manual

Ver. 01/2024 E

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DESCRIPTION

The Meridian Technologies card chassis used for standalone applications and wall or desk mountable. They are available in various sizes and can hold from one to eight single-slot cards.

These chassis are designed with ease of installation in mind and are fully compatible with all Meridian Technologies' card units.

Support for SpectraSmart™ PC Diagnostic are available on selected Meridian chassis using slim one slot diagnostic card (sold separately). See SX-PC data sheet for details.

INSTALLATION

The Meridian chassis must be installed on a vertical plane with louver openings down (Fig.1) or horizontal plane with louver facing up (Fig.2) to allow maximum ventilation of the cards.

This chassis can be ordered with or without mounting flanges. Measurements for chassis with flanges can be found in the Appendix Section of this manual.

There are four mounting holes for hardware # 8 (maximum). Two knurled captive screws mount the card in each slot. Power is distributed by a mother PCB in the rear of the unit.

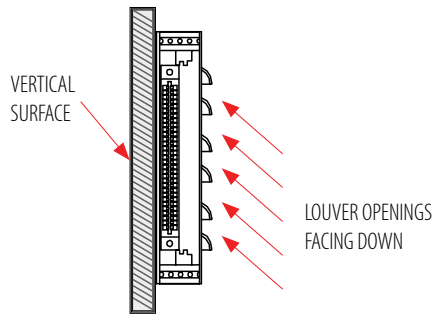


FIG.1

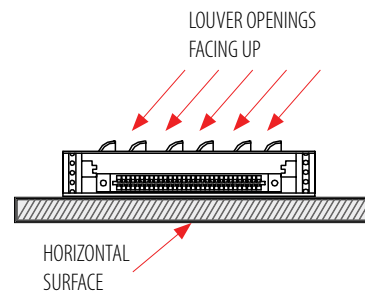
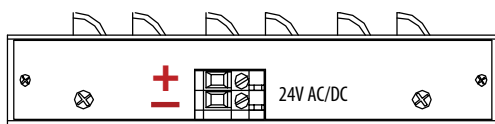


FIG.2

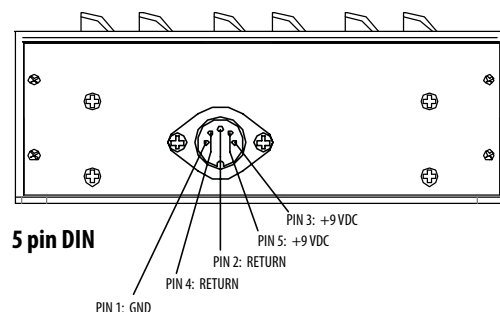
APPLICATIONS

- Security and Surveillance
- Campus Educational Networks
- Military Communications
- Industrial Process Controls
- RGB to the Desk
- Video Teleconferencing
- Intelligent Transportation System
- Nuclear Power Plants
- Hospitals, Schools, Universities
- Airports, Subways, Highways,
- Tunnels, Bridges
- Oil Refineries, Rigs and Platforms
- SCADA

PINOUT DIAGRAM:



2 pin Screw Terminal



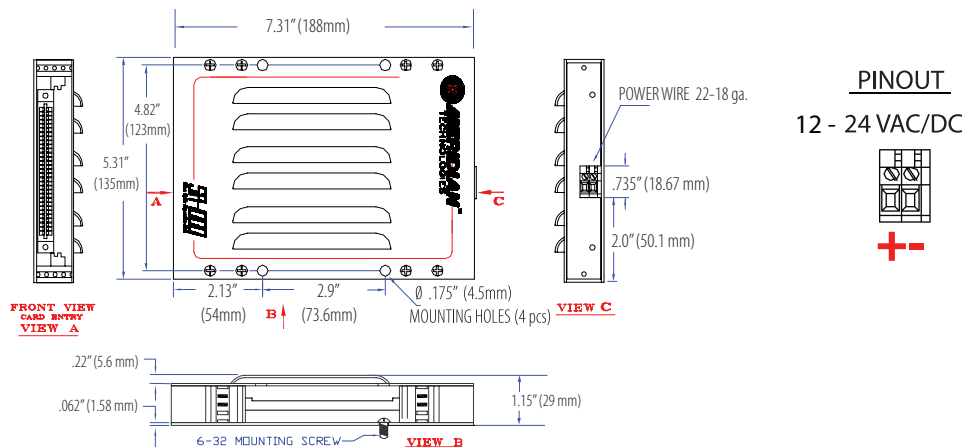
5 pin DIN

Model Numbers SR-500, SR-1002, SR-1350, SR-1450, SR-1550

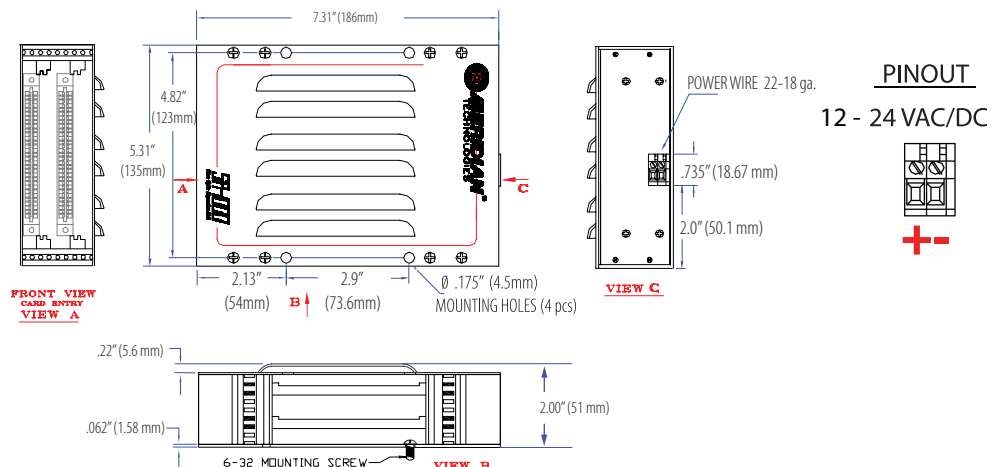
POWER OPTIONS

Power Circuit	Internal, isolated switching power circuit
Input Voltage	12-24V AC/DC
Power Connector	2-pin Screw Terminal
Power Adapter	WP-24 (110V/220V) for SR-500, SR-1002
Power Adapter	WP-24E (110V/220V) for SR-1350, SR-1450, SR-1550

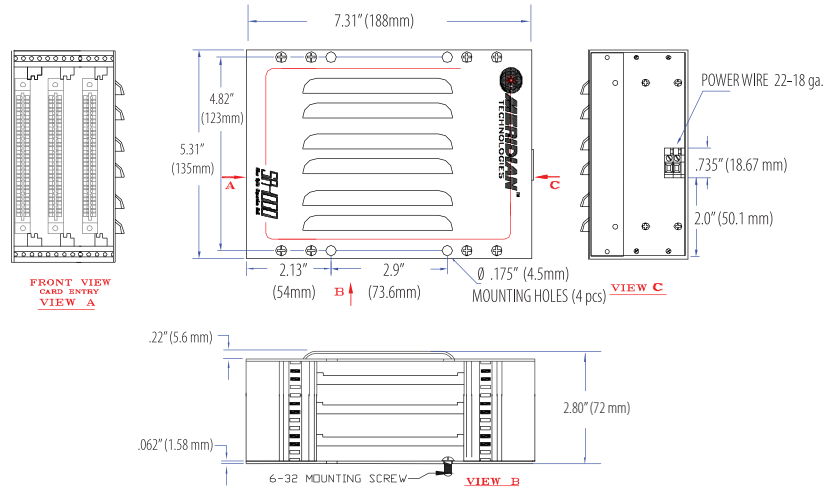
SR-500



SR-1002



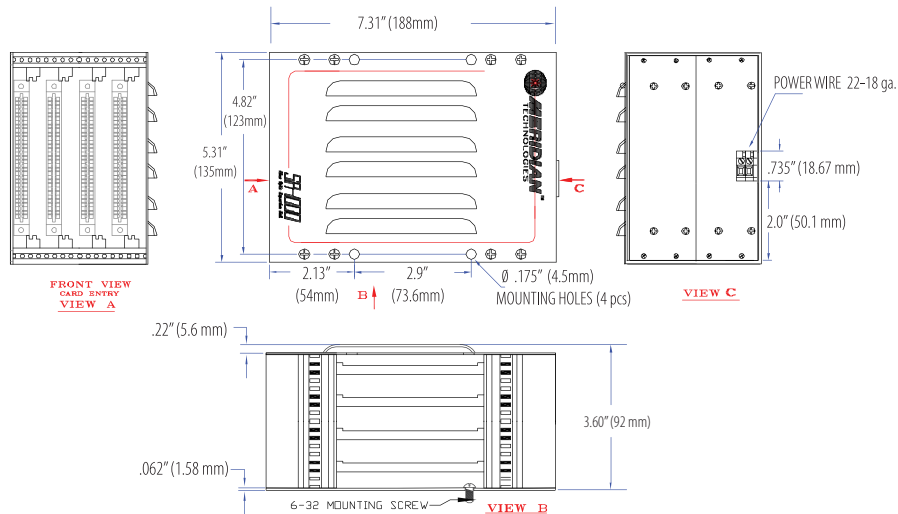
SR-1350



PINOUT
24 VAC/DC



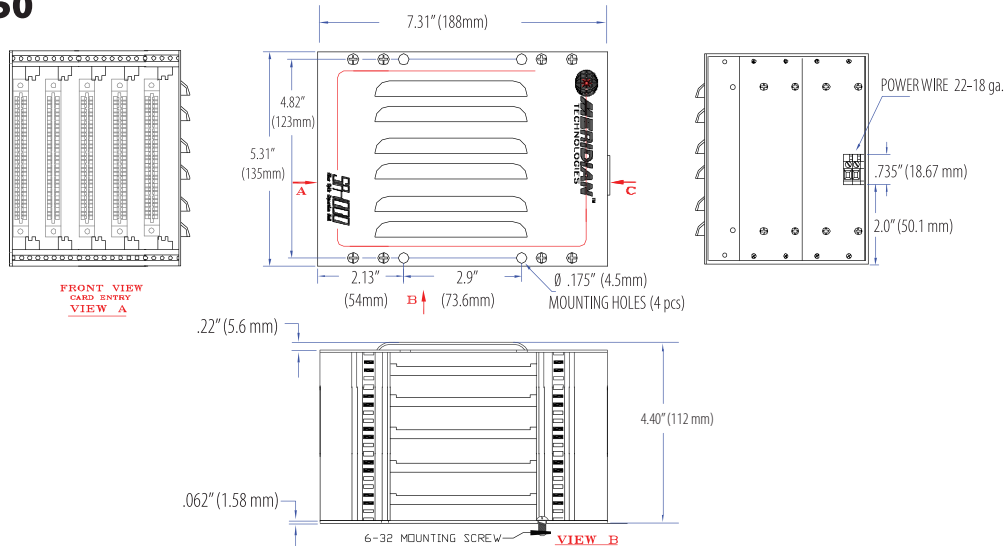
SR-1450



PINOUT
24 VAC/DC



SR-1550



PINOUT
24 VAC/DC



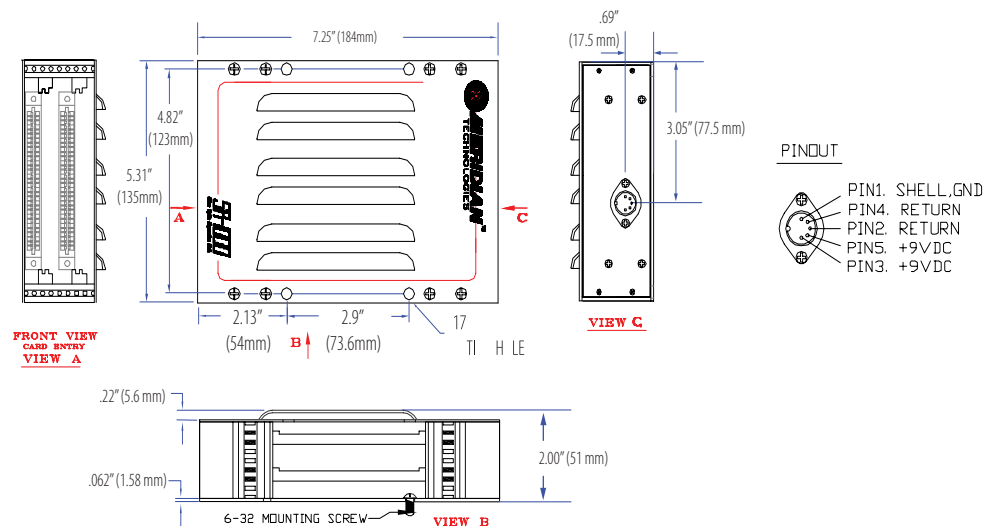
Model Numbers SR-1060, SR-1360, SR-1460, SR-1460/R, SR-1560, SR-1560/R, SR-1860, SR-1860/R

SpectraSmart™ PC Diagnostic are available on these Meridian chassis using diagnostic card (sold separately). See SX-PC data sheet for details.

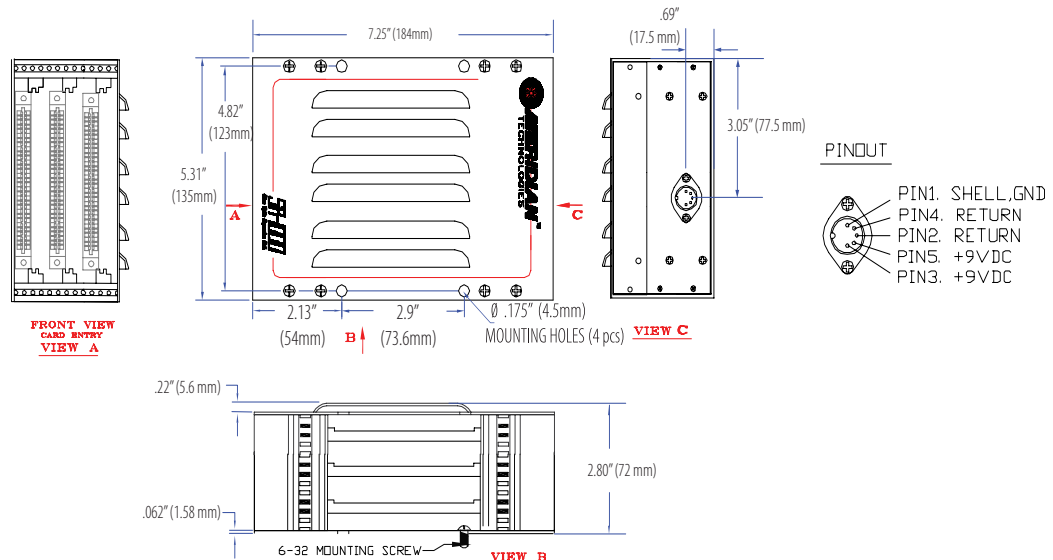
POWER OPTIONS

Input Voltage	9 VDC
Power Connector	5-pin DIN
Power Adapter	Single or Redundant Power Supply PS-60 (110V/220V)

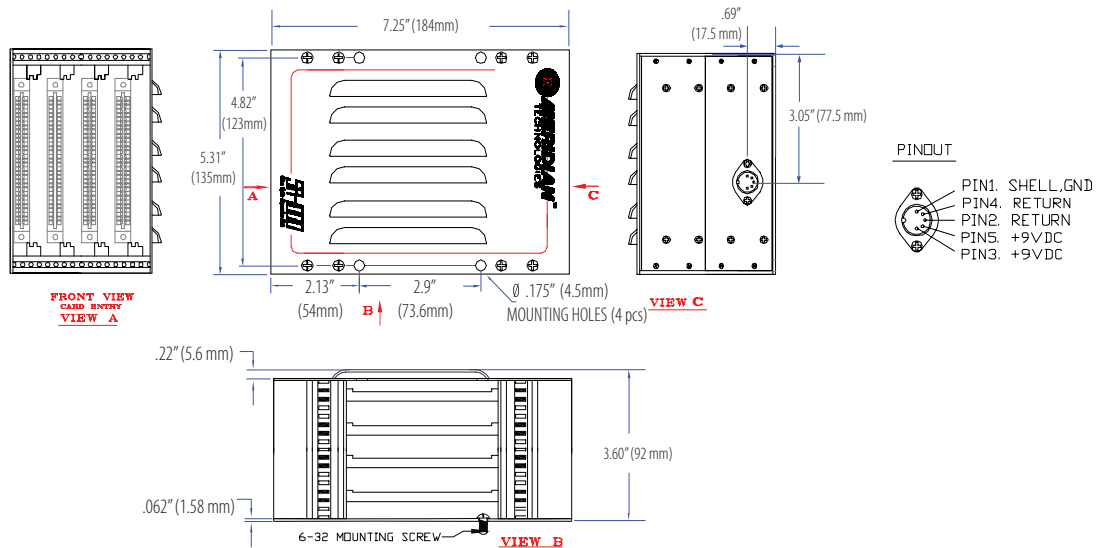
SR-1060



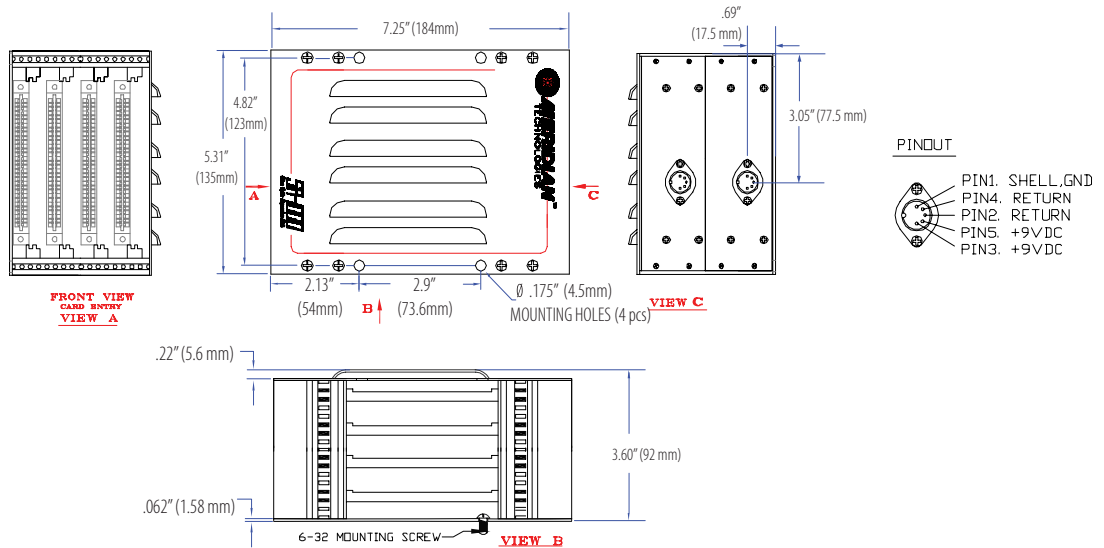
SR-1360



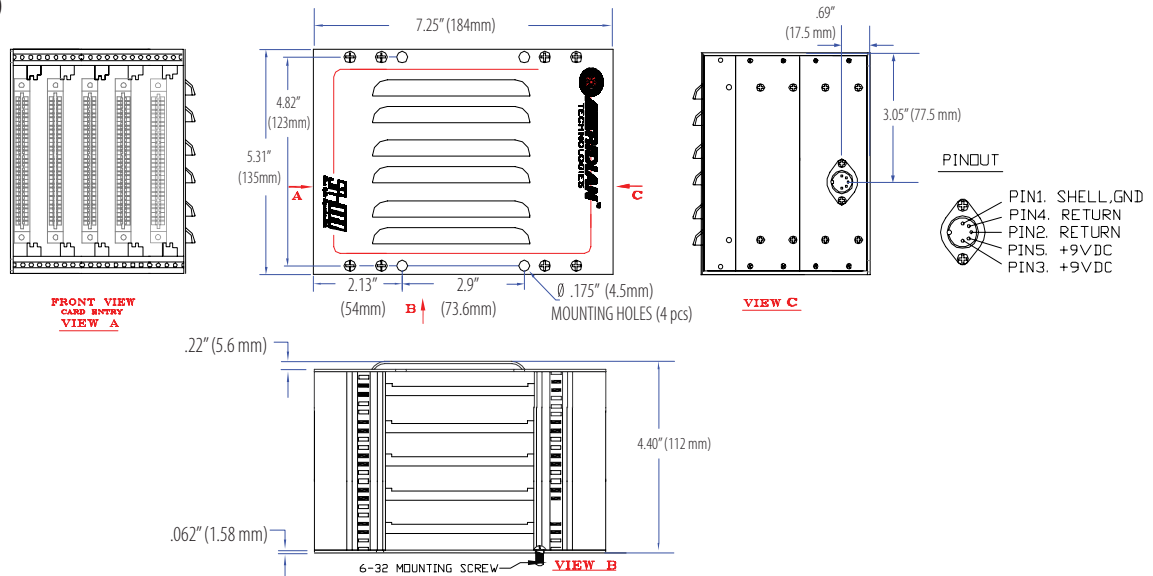
SR-1460



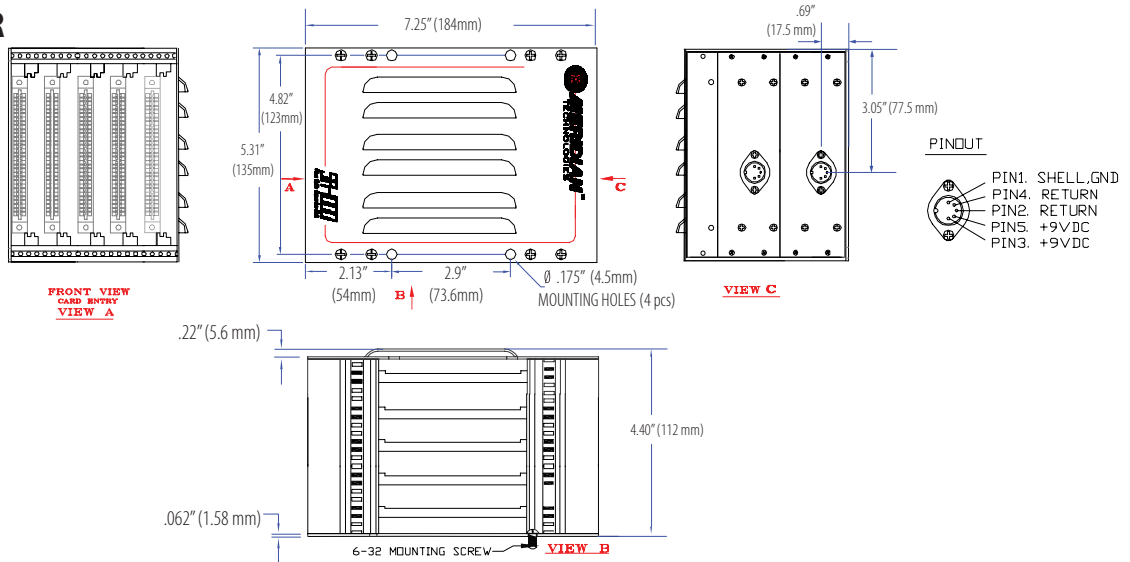
SR-1460/R



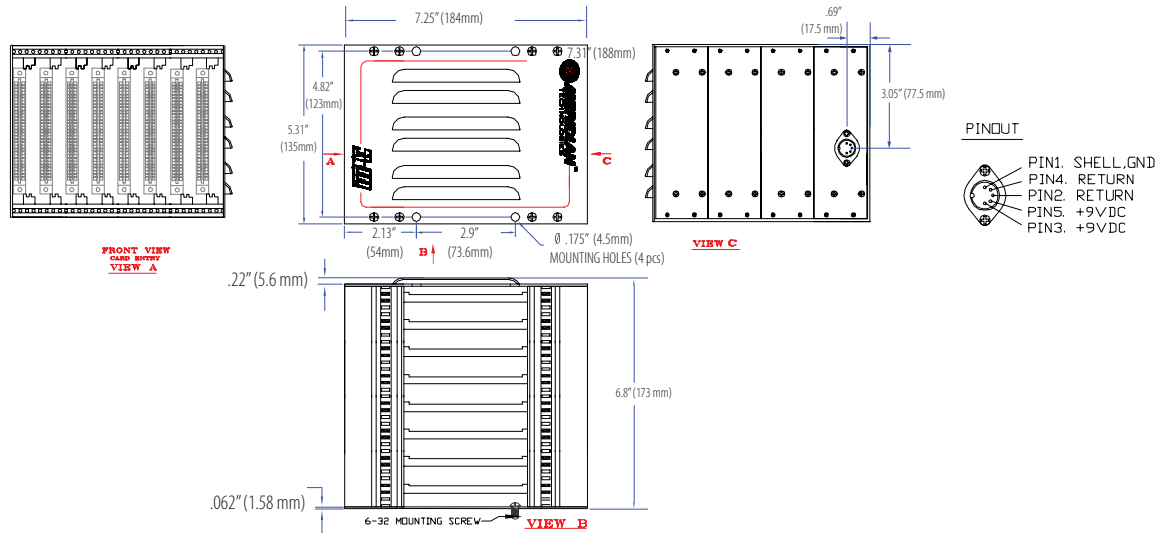
SR-1560



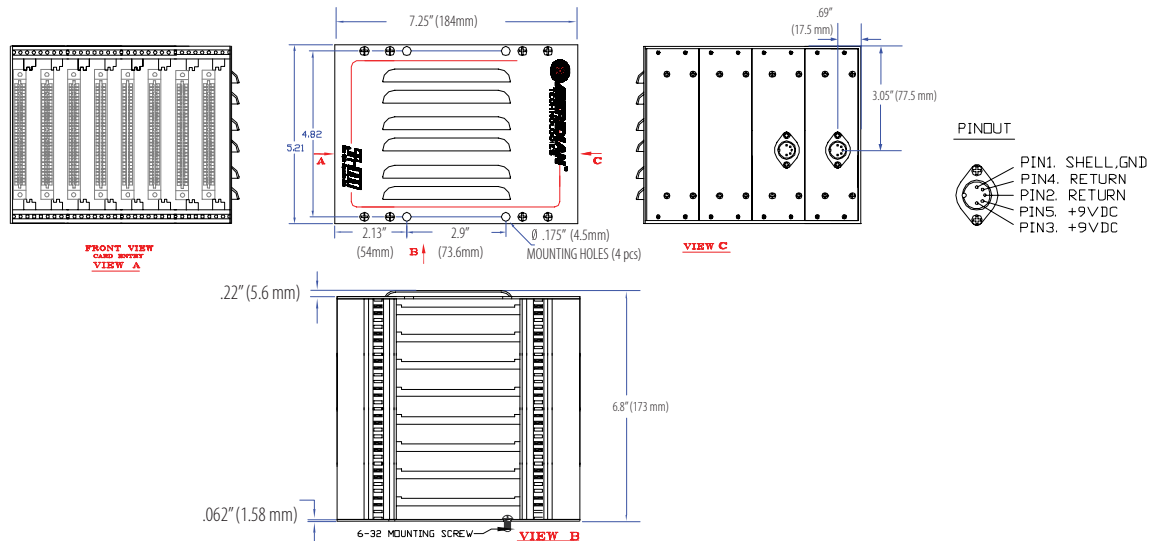
SR-1560/R



SR-1860

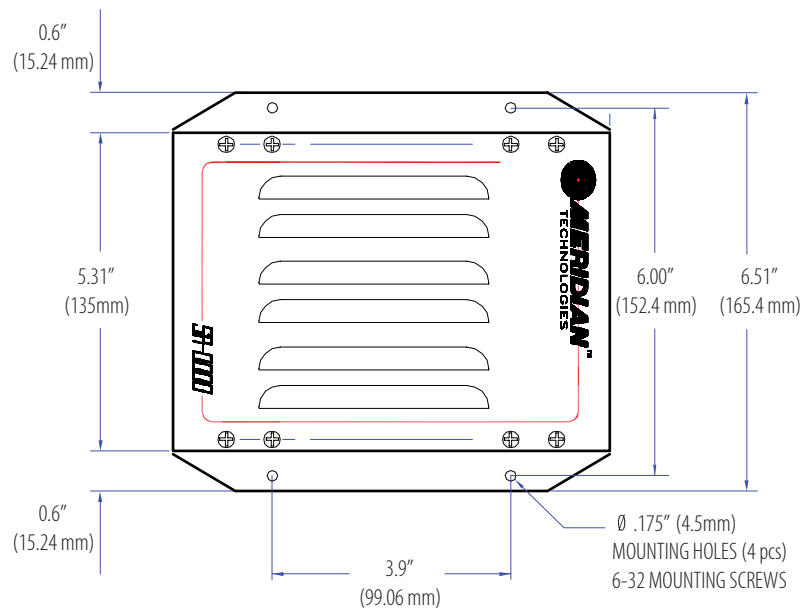


SR-1860/R



APPENDIX

ADDITIONAL MEASUREMENTS FOR CHASSIS with FLANGES



Cooling Fan Location Diagram

