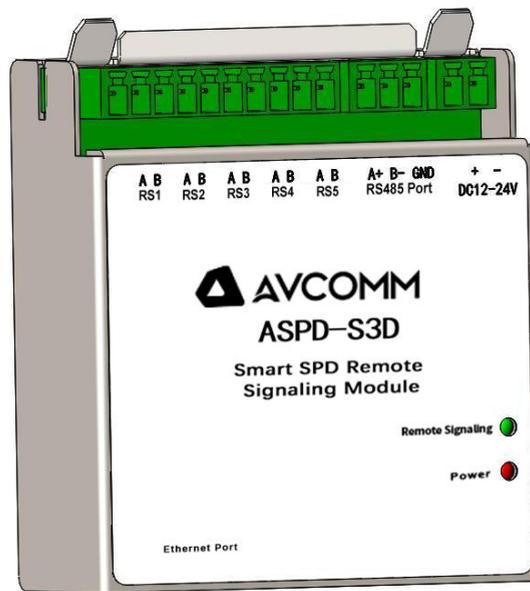




ASPD-S3D

Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



AVCOMM Technologies, Inc

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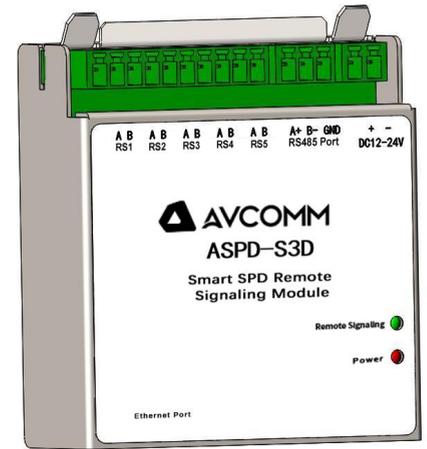
Email: info@avcomm.us

Phone: (713) 933-4534

Address: 333 West Loop North, Suite 460
Houston, TX 77024
United States

Smart SPD Remote Signaling Module

The ASPD-S3D smart SPD remote signaling module is an advanced monitoring device developed and produced by AVCOMM. The device is capable of real-time and accurate monitoring of SPD alarm action and alarm time. The device transmits the monitored data information to the server via a 10/100M Ethernet.



Features

- The device is capable of monitoring and collecting signals from 5 SPD alarm channels.
- The device transmits the monitored data information to the server via a 10/100M Ethernet.
- The cloud server, ATMS, can display SPD alarm signals and their occurrence times.
- The cloud server, ATMS can also display the device information and status.
- The cloud server, ATMS can remote upgrades and remote configuration for the devices.



Ordering Information

Model Name	Description
ASPD-S3D	Smart SPD Remote Signaling Module, 10/100Mbps, 5 *SPD alarm monitoring channels, DC 12-24V, -40°C to 70°C, IP30



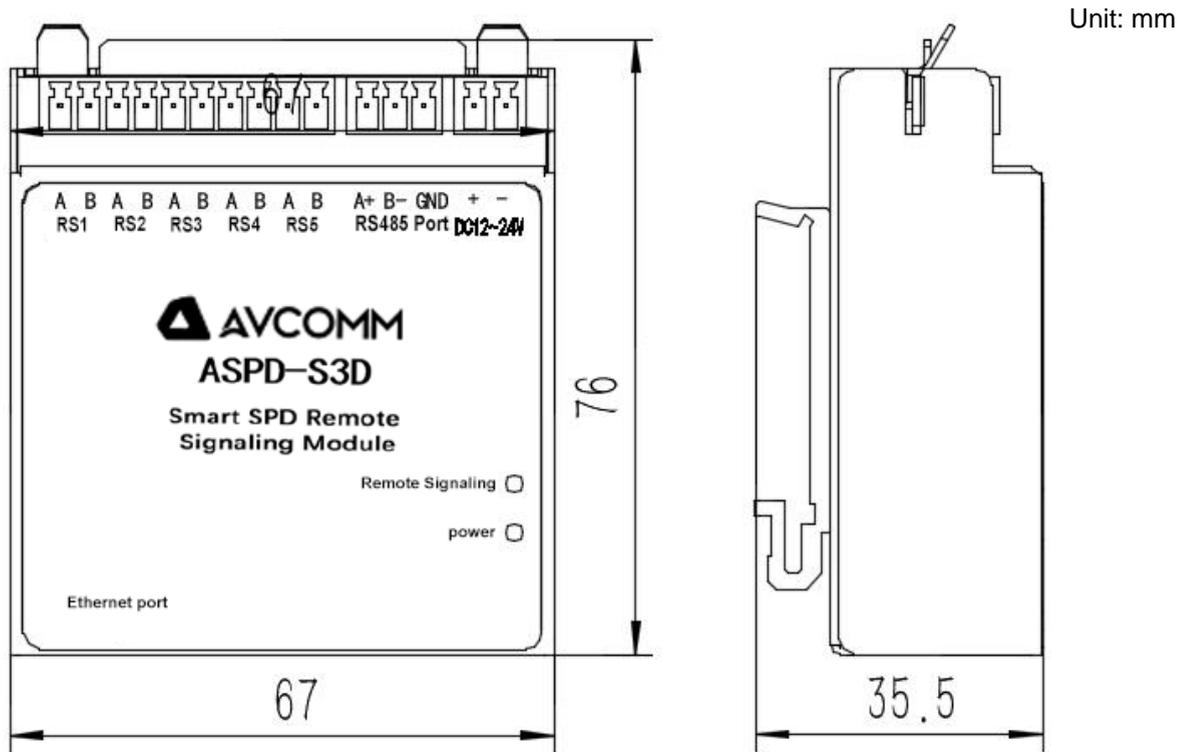
Specifications

Technology	
Alarm Time	Year, month, day, hour, minute, second, millisecond
SPD Alarm Signal Monitoring Channel	5
Communication	10/100M
Average System Power Consumption	≤5
Power	DC 12-24V
Average Power Consumption	≤1W

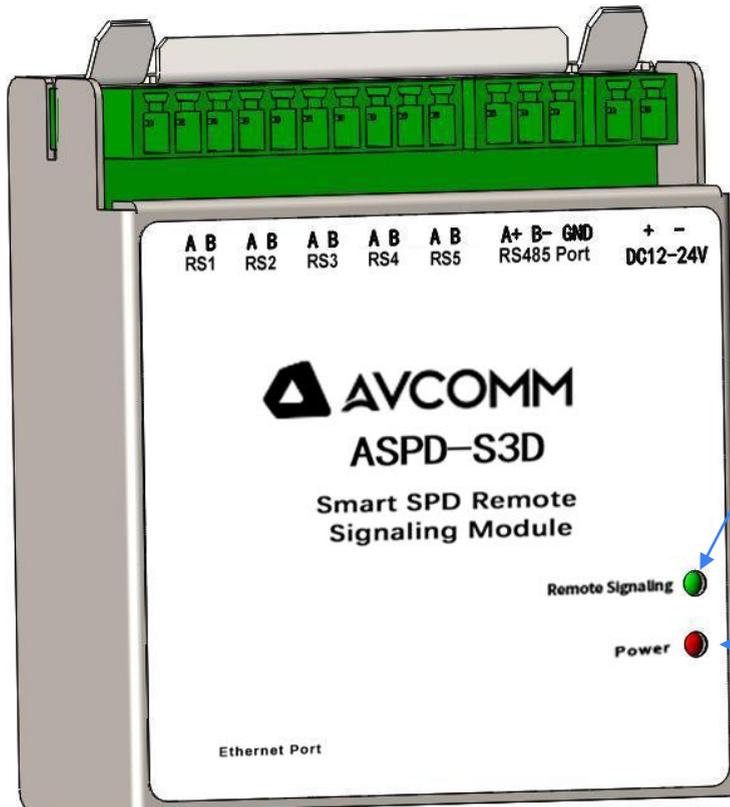
AVCOMM Technologies, Inc. All rights reserved. Trademarks and trade names that may be used in this document are owned by their respective companies. Specifications subject to change without notice. Please ask our sales for the most up-to-date product information. Avcomm Technologies Inc. Add: 333 West Loop North Ste. 460, Houston, TX 77024

Mechanical	
Dimension	67mm×76mm×35.5mm (D×W×H)
Ingress Protection	IP30
Environmental	
Operating Temperature & Humidity	-40°C ~ 70°C, ≤95%
Storage Temperature & Humidity	-40°C ~ 70°C, ≤85%
Altitude	86kPa ~ 106kPa
Warranty	3 years

Installation dimensions



Indicator Light



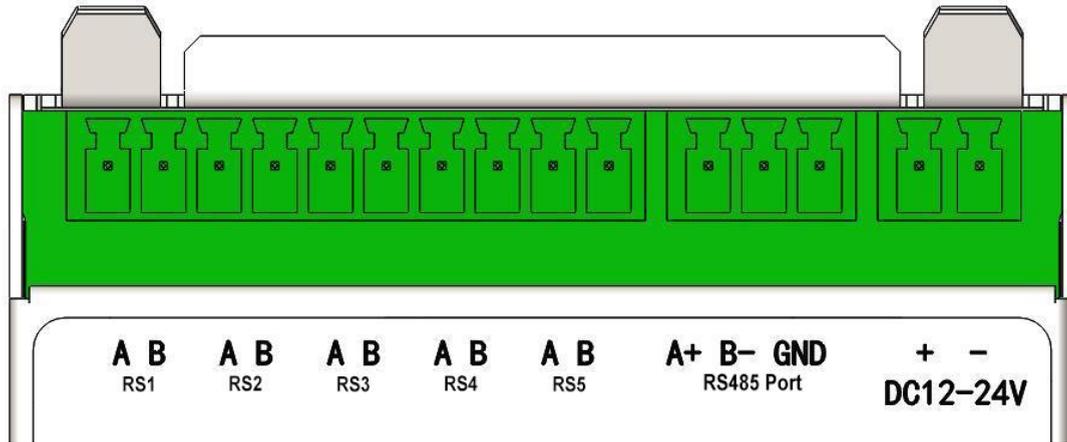
Indicator Light 1: Remote Signaling Indicator

- SPD Normal: Green
- SPD Alarm: Flashing fast (the unused remote signaling port must be short-circuited, otherwise false alarms may occur)

Indicator Light 1: Power Indicator

- Power Normal: Red
- Power Abnormal: Off

Terminal and Wiring



Interface Name	Pins	Function	SPD Wiring instructions	Cable size and color
RS 1~5	A	SPD alarm A	Wiring to the normally closed port of the SPD	RV0.2mm ² ~0.5mm ² (brown)
	B	SPD alarm B		RV0.2mm ² ~0.5mm ² (blue)
RS485 port	A+	485 port	Alternate port	
	B-			
	GND			
DC12V~24V	+	DC+	DC Input	RV0.5mm ² ~1mm ² (red)
	-	DC-		RV0.5mm ² ~1mm ² (black)