

# PoN Switch

autoeyeXpert

## PRO SERIES

### 4 Port PoN Switch for use with X5 Pro Series DVR's

Part number: AEX-ST-ACC-PNS

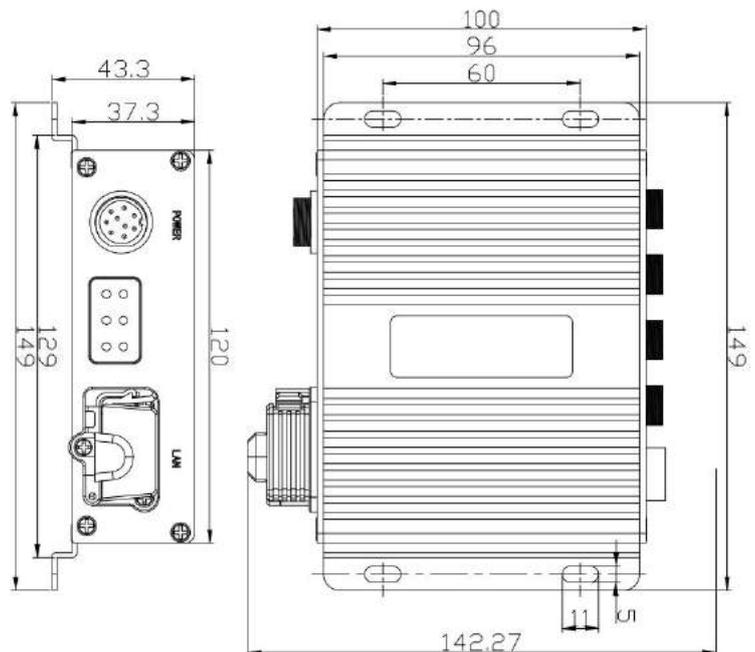
#### KEY FEATURES

- 4-port PoN switch
- For use with X5 Pro Series DVRs
- Compatible with PoN 6-pin IP Pro Series cameras

#### OVERVIEW

The Standby RSG AEX-ST-ACC-PNS is a PON switch for our X5 Pro Series of mobile digital video recorders (AEX-ST-DVR-X5-4W2 and EX-ST-DVR-X5-4W). The switch provides 4 IP channels which are compatible with our Pro Series of IP PON cameras via 6-pin aviation style connections. The switch unit provides power to the cameras and accepts data which is returned to the DVR over its built-in RJ45 ethernet connector. The switch unit shares the DVR power supply and can operate from 9-36 volts DC i.e. is compatible with 12 volt and 24 volt vehicles.

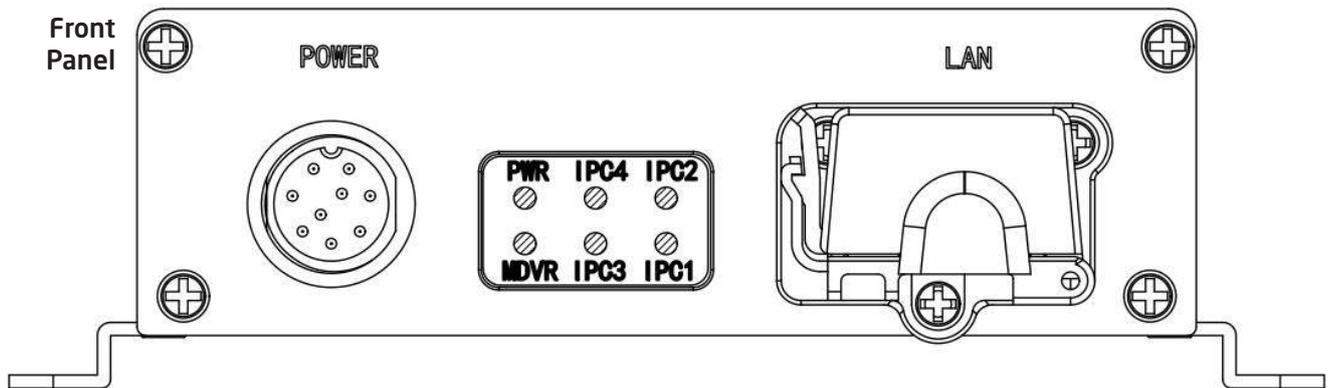
- The shell is made of high strength material for harsh environments
- Connects the MDVR with RJ45 port with specially designed strain relief shroud to ensure the reliable connection in the vibration environment
- Connects with the IPC of 6 pin DIN JACK to ensure a reliable connection
- Supports 8-36V DC voltage input, suitable for 12V and 24V vehicles
- Provide one 10/100/1000M adaptive RJ45 port, four 10/100M adaptive adjustable 6 pin DIN JACK for auto flipping
- PoN power supply
- Protection class: IP54
- Power supply standard applies to ISO7637-2
- Anti-vibration standard applies to MIL-STD-810F
- Certification: EN50155 E-mark CE FCC



4 Port PoN Switch AEX-ST-ACC-PNS

**SPECIFICATION**

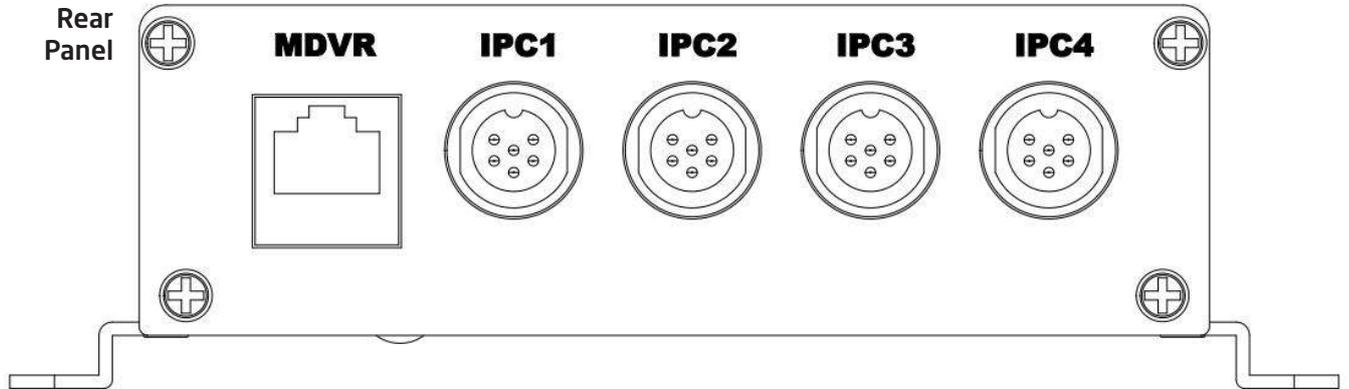
MODEL		AEX-ST-ACC-PNS
Ports	Feature	10/100/1000M adaptive (Up-link port)
		10/100M adaptive (Down-link port)
	Type	RJ45 (access MDVR), 6 pin-DIN JACK (access IPC)
	Quantity	4
	Transmission Medium	UTP 5-e and above
Power	Power Consumption	≤ 3W
	Input Power	DC8-36V + MDVR supply DC12V
	Camera Power Supply	12V, each port supports 7W
	Power Supply Standard	Each input port has anti-surge capability and the car power input port that applies to the ISO7637-2 standard
Others	LED Indication	POWER/MDVR/IPC
	Anti-vibration Standard	MIL-STD-810F
	Protection Class	IP54
	Dimensions (mm)	142.7 mm (L) x 149mm (W) x 43.3mm (H)
	Operating Environment	Working Temperature: -40°C ~ +70°C Storage Temperature: -40°C ~ +85°C Working Humidity: 10% ~ 90% RH Non-condensing Storage Humidity: 5% ~ 95% RH Non-condensing



**INTERFACE DEFINITION**

PRINT	DESCRIPTION
POWER	External supply voltage range 8-36V
PWR	Power status indicator light
IPC1~IPC4	IPC connection status indicator light
MDVR	MDVR connection status indicator light
LAN	Debug network port

**4 Port PoN Switch AEX-ST-ACC-PNS**



**INTERFACE DEFINITION**

NUMBER	PRINT	DESCRIPTION
1	IPC1~IPC4	The 1-4 IPC interface
	MDVR	To connect the MDVR

**CONNECTION DIAGRAM**

