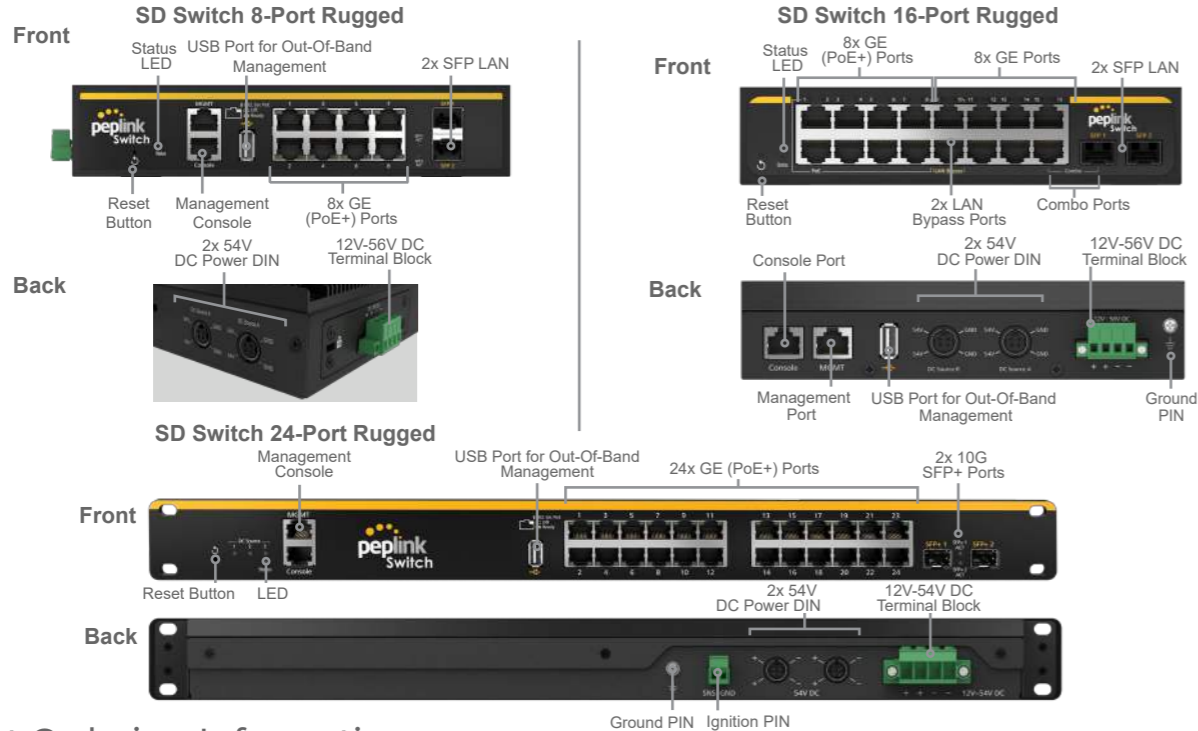


Specifications

| | SD Switch 8-Port Rugged | SD Switch 16-Port Rugged | SD Switch 24-Port Rugged |
|-----------------------------|--|--|--|
| LAN Interface | 8x 802.3at (PoE+) GE Ports@, 2x SFP Ports | 8x 802.3at (PoE+) GE Ports@, 8x GE Ports 2x SFP Ports | 24x 802.3at (PoE+) GE Ports, 2x SFP+ Ports |
| VLAN Groups | Yes | Yes | Yes |
| Fiber Module | 2x 1 Gbps | 2x 1 Gbps | 2x 10 Gbps |
| Switch Capacity | 20 Gbps | 36 Gbps | 88 Gbps |
| Max. Packet Forwarding Rate | 14.9 Mpps | 26.8 Mpps | 66 Mpps |
| MAC Address Table | 8,000 | 8,000 | 32,000 |
| Inter-VLAN Routing | ○ | ○ | ● |
| AC Adaptor | AC Input 100V-240V DC Output 54V# | AC Input 100V-240V DC Output 54V# | AC Input 100V-240V DC Output 54V% |
| Power Input | DC Power DIN 2x 54V Terminal Block: 12V - 56V DC | DC Power DIN 2x 54V Terminal Block: 12V - 56V DC | Redundant DC Power DIN: 54V Terminal Block: 12V - 54V DC |
| Power Consumption | 20W System, 90W PoE+ Power Budget (supports up to 240W#) | 20W System, 90W PoE+ Power Budget (supports up to 240W#) | 50W System, 120W PoE+ Power Budget (supports up to 250W%) |
| Dimensions (L x W x H) | 8.2 x 6.3 x 1.7 inches 210 x 160 x 43 mm | 7.5 x 9.0 x 1.5 inches 190 x 226 x 35 mm | 10.5 x 19.1 x 1.7 inches 265 x 485 x 45mm |
| Weight | 2.2 pounds 1.0 kg | 4.4 pounds 2.0 kg | 11.3 pounds 5.14 kg |
| Operating Temperature | -40° - 149°F -40° - 65°C | -40° - 149°F -40° - 65°C | -40° - 149°F -40° - 65°C |
| Humidity | 15% - 95% (non-condensing) | 15% - 95% (non-condensing) | 15% - 95% (non-condensing) |
| Certification | FCC, CE, RoHS, E-Mark, IC EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility EN 45545-2: Fire Protection on Railway Vehicles | FCC, CE, RoHS, E-Mark, IC EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility | FCC, CE, RoHS, IC* EN 61000: Electromagnetic Compatibility* |
| Warranty | 1-Year Limited Warranty | 1-Year Limited Warranty | 1-Year Limited Warranty |
| Package Content | SD Switch 8-Port Rugged, 1x PSU 120W, 1x Power Cord (ACW-614), Ear Mounts/DIN Rail Mount kit (ACW-DIN-PSW8), 4pin Terminal Block Connector (Power supply), Rubber Foot Pad set | SD Switch 16-Port Rugged, 1x PSU 120W, 1x Power Cord (ACW-614), 1 Pair of Mounting Brackets (ACW-756), 4pin Terminal Block Connector (Power supply), Rubber Foot Pad set | SD Switch 24-Port Rugged, 1x PSU 180W (ACW-630), Screw set for rack mounting, 2pin Terminal Block Connector, 4pin Terminal Block Connector (Power supply), Rubber Foot Pad set |

The bundled PSU provides 90W of PoE power budget. If you require 240W of power budget, please add 180W PSU (ACW-630) to your device.
 % The bundled PSU provides 120W of PoE power budget. If you require 250W of power budget, please add 180W PSU (ACW-630) to your device.
 @ PoE output requires a minimum of 48V power input. * Pending certification



Product Ordering Information

| Product Code | Description |
|-----------------|---|
| PSW-8-240W-RUG | PoE enabled (delivers up to 240W) Gigabit (8 ports) and SFP (2 ports) switch with a fanless design for industrial environments. |
| PSW-16-240W-RUG | PoE enabled (delivers up to 240W) Gigabit (16 ports) and SFP (2 ports) switch with a fanless design for industrial environments. |
| PSW-24-250W-RUG | PoE enabled (delivers up to 250W) Gigabit (24 ports) and SFP+ (2 ports) switch with a fanless design for industrial environments. |



SD Switch Rugged

Industrial-Grade PoE+ Switch with Cloud Intelligence



Simplified LAN Management

No more command lines. Use InControl 2 cloud management to remotely monitor, troubleshoot, and configure your network:

- Monitor:** Port status, connectivity, firmware version.
- Troubleshoot:** See all clients, search by MAC address.
- Configure:** Centralize VLAN, firmware, and configurations.



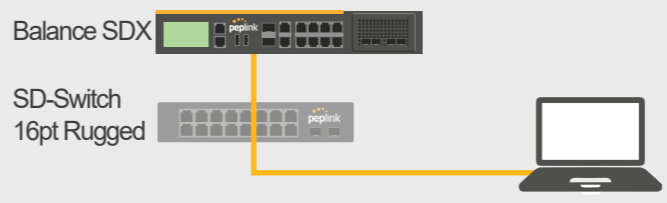
Ready for Any Environment



The SD-Switch Rugged can handle -40°F (-40°C) to 149°F (65°C). The fanless design enables it to function in high-particle environments.

Greater Deployment Flexibility

SD-Switch 16-Port Rugged: LAN Bypass and Combo Port



LAN Bypass Ports: If the switch loses power, the LAN bypass ports will still connect.

Combo Port: ETH 16 and SFP 1 are a combo port that share the same port number.