

# 4-port Fast Ethernet PoE Switch

## Layer 2 Commercial Switch



### System Overview

The DH-PFS3006-4ET-60 commercial PoE switch is specially designed for long-distance video transmission applications. The switch uses LD PoE technology to transmit power and data up to 250 m (820 ft). LD PoE extends transmission distances beyond the industry-standard 100 m, even with third-party PoE-compliant cameras. The switch provides four (4) 10/100 Mbps PoE ports and two (2) 100 Mbps uplink ports. The switch is also equipped with two transmission modes, Default and Extend, that are set by on-board dip switches.

- Four 10/100 Mbps POE ports
- Two 100 Mbps uplink ports
- Layer 2 commercial switch
- Conforms to:
  - IEEE802.3,
  - IEEE802.3u
  - IEEE802.3X
  - IEEE802.3af
  - IEEE802.3at
- Supports Hi-PoE (60 W)
- Two transmission modes, Default and Extend, controlled by DIP switch
- Enhanced speeds and POE transmissions for better performance
- Improved reliability with long-distance POE transmissions
- Layer 2 commercial switch for better customization
- Professional-level functions, such as Hi-PoE, for better adaptability
- Flexible transmission modes for better control
- Suitable for Ethernet installations over 250 meters
- Supports various networking solutions, such as video surveillance, VoIP, IPTV, etc.
- Used in large-scale networks or projects requiring robust, long-distance POE transmissions

### Technical Specification

Ethernet Ports	Two (2) 10/100 Mbps Uplink Ports Four (4) 10/100 Mbps PoE Ports
PoE Features	<ul style="list-style-type: none"> <li>• Protocol: IEEE802.3af, IEEE802.3at, Hi-PoE</li> <li>• Consumption: Port 1: ≤ 60 W Ports 2-4: ≤ 30 W per Port</li> <li>• Total PoE Budget: 60 W</li> </ul>
Switching Capacity	1.8 Gbps
Packet Forwarding Rate	890 kpps
Packet Buffer Memory	768 Kb
MAC Table Size	2K
Flow Control	Enabled (by default)
Power Requirements	48 VDC to 57 VDC
Working Temperature	-10° C to 55° C (14° F to 131° F)
Application Humidity	10% to 90%
Dimensions (W x D x H)	130.0 mm x 85.0 mm x 26.0 mm (5.12 in. x 3.35 in. x 1.02 in.)
Weight	0.30 kg (0.66 lb)

### Certifications

Safety	UL Certification Pending
Electromagnetic Compatibility (EMC)	FCC CFR 47 FCC Part 15 Subpart B Conforms to CE Standards
Lightning Protection	Common Mode: 2KV Differential Mode: 0.5KV

### Ordering Information

Type	Part Number	Description
PoE Switch	DH-PFS3006-4ET-60	4-port Layer 2 Commercial PoE Switch

### Dimensions

