

# HFB Series

## Ring Recovery Ethernet Switches (Unmanaged)



- \* Redundant Ring with Plug And Play Performance
- \* Low Voltage redundant AC/DC Power Inputs
- \* Broadcasting Storm Control
- \* Ruggedized Industrial Grade Housing
- \* Relay Output Warning for Failures
- \* 5 years warranty

### Specifications

#### \* Technology

Network Standards:

IEEE802.3 10Base-T

IEEE802.3u 100BaseT(X) and 100BaseFX

IEEE802.3x Flow Control

Processing Type:Store and Forward

MAC Address:8K MAC Address Table

Broadcasting Storm Control:Automatic

Flow Control:Full/Half Duplex Back Pressure Flow Control

#### \* Interface

RJ45 Port Connectors:10/100Base Auto-sensing, Full/Half Duplex MDI/MDI-X Auto-Negotiation

Fiber Port Connectors:100BaseFX, SC or ST connectors, Single-Mode or Multi-Mode

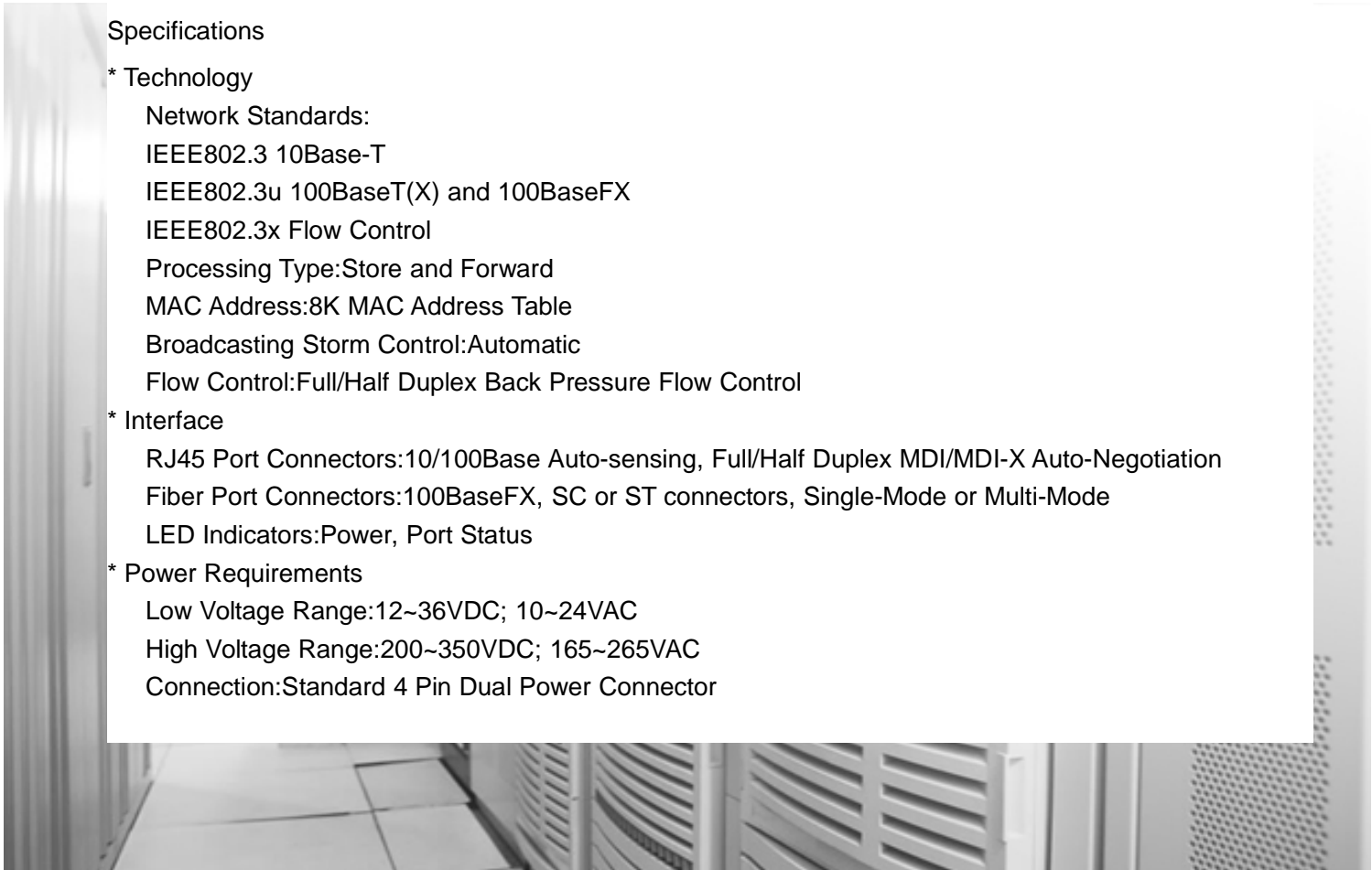
LED Indicators:Power, Port Status

#### \* Power Requirements

Low Voltage Range:12~36VDC; 10~24VAC

High Voltage Range:200~350VDC; 165~265VAC

Connection:Standard 4 Pin Dual Power Connector



\* Optical Fiber

Mode	Typical Dist	Wave length	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125um	-23.5~-14dBm	< -35dBm	10/100Mbps
Single	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100Mbps

\* Physical Characteristics

Case: Slim Metal Case, IP30 Design

Dimensions:(W×H×D):49×139×115mm(HFB8S)

DIN Rail or Panel Mounting, Blue or Black metal housing

\* Environment Limits

Standard Temp Models:-10°C to 60°C

Extended Temp Models:-40°C to 75°C

Storage Temperature:-40 to 85°C

Ambient Relative Humidity: 10 to 95%(Non-condensing)

\* Ordering Information

Product Model		Connectors		
Standard Temperature Models(-10°C~60°C)	Extended Temperature Models(-40°C~75°C)	10/100BaseT(X)	100BaseFX	
			Multi-mode, SC Connectors	Single-mode, SC Connectors
HFB8S Series				
HFB8S-2SC	HFB8S-2SC-W	6	2	
HFB8S-2SSC	HFB8S-2SSC-W	6		2