# IET5200SPp Series

**Hardened / Industrial Smart 5-port 10/100/1000Base-TX (4-port PoE+) Ethernet Switch**

## Features

► 5 x 10/100/1000Base-TX (4x PoE+)

► Support IEEE 802.3at PoE+ (30W per Port)

► Multicast / Broadcast / Flooding Storm Control

► Support IEEE 802.1p, 4 queues per port

► 9K Jumbo Frames

► 1Mbit Packet Buffer Memory

► Fanless design

► Dual power input (12 ~ 58 VDC)

► IP30

► DIN-Rail and Wall mounting option

► Hardened Series Wide Operating Temperature Range -40°C to 75°C (-40°F to 167°F)

## Warranty

► 5-Year Warranty

## Specifications

### Ethernet

| | |
|---|---|
| Standards | IEEE802.3 10Base-T |
| | IEEE802.3u 100Base-TX |
| | IEEE802.3ab 1000Base-T |
| | IEEE802.3x Flow Control |
| | IEEE802.3af Power Over Ethernet |
| | IEEE802.3at Power Over Ethernet |
| Packet Buffer Memory | 1 Mbits |
| Processing Type | Store and forward; L2 wire-speed/non-blocking switching engine |
| Switch Fabric | 10 Gbps |
| Forward Filter Rate | 14,880pps (10Mbps) |
| | 148,800pps (100Mbps) |
| | 1,488,000pps (1000Mbps) |
| Ethernet Ports | 5 x RJ45 10/100/1000 Mbps speed; Auto-negotiation; MDI/MDI-X Auto-crossover ports |
| Flow control | IEEE 802.3x (Full Duplex) and Back-Pressure (Half Duplex) |
| Jumbo frames | 9K Bytes |
| Address Table Size | 2 K |

### Electrical and Mechanical

| | |
|---|---|
| Input Power | 12-58 VDC , Redundant Input Terminals |
| Power Consumption | 121.9 W |
| Reverse power protection | Present |
| LED Indicators | |
| Power | Power Status |
| 10/100/1000TX (per port) | Link/Activity & Speed |
| PoE | |
| Standard | IEEE 802.3at (PSE) |
| Port | RJ45 Port 1 – Port 4 |
| Max. Power per Port | 30W per port (Alternative A mode) |
| PoE power indication | PoE power status indication |
| Dimensions (W x D x H) | 29 x 106 x 139 mm |
| Ingress protection | IP30 |
| Weight | 0.375 Kg |
| Mounting options | DIN-Rail / Wall-mount |

# Specifications

| Smart Features | |
|---|---|
| **Traffic Management** | |
| QoS | IEEE 802.1p, 4 queues per port |
| Traffic Shaper | Port-based Traffic shaping |
| Storm Control | Multicast / Broadcast / Flooding |

| PoE | |
|---|---|
| PoE | IEEE 802.3at PoE PSE |

| Environmental | |
|---|---|
| Operating Temperature | |
| IET5200SPpH-DR | -40°C to 75°C (-40°F to 167°F) (cold startup at -40°C) |
| IET5200SPp-DR | -20°C to 60°C (-4°F to 140°F) |
| Storage Temperature | -40°C to 85°C (-40°F to 185°F) |
| Relative Humidity | 5% to 95% RH non-condensing |
| MTBF | > 200,000 hrs |

| Compliance & Regulatory Approvals | |
|---|---|
| ISO9001 | Yes |
| EMC | FCC Part 15 Subpart B Class A, CISPR 22 (EN55022) Class A, IEC61000-4-2, -3, -4, -5, -6 (level 3) |
| Vibration, shock & freefall | IEC60068-2-6, -27, -32 (pending) |
| Compliance | CE/FCC EN50121-4 (pending) |
| Electrical Safety | UL-508/CSA C22, EN61010-1, CE (pending) |
| RoHS and WEEE | RoHS (Pb Free) and WEEE compliant |

# Ordering Information

| Available Model | Description |
|---|---|
| **IET5200SPp-DR** | Industrial Smart 5-port 10/100/1000Base-TX (4-port PoE+) Ethernet Switch |
| **IET5200SPpH-DR** | Hardened Smart 5-port 10/100/1000Base-TX (4-port PoE+) Ethernet Switch |

| Optional Accessories (to be purchased separately) | |
|---|---|
| **Power Supply** | Please refer to the power supply information at the back of the catalogue, our website www.ot-systems.com, or consult OTS sales at sales@ot-systems.com for your power system design properly. |

**Package Checklist**

- Unmanaged Switch            x 1
- Wall Mount Plates           x 2
- DIN-Rail Clip               x 1
- M4 Screws (for the Wall Mount Plates & DIN Clip)   x 4
- DC Power Terminal Block     x 1
- Quick Installation Guide    x 1