SISPM1040-362-LRT
Managed Hardened Gigabit Ethernet PoE+ Switch
(4) 10/100/1000Base-T PoE+ Ports + (2) 10/100/1000Base-T RJ-45 ports + (2) 100/1000Base-X SFP Slots

The SISPM1040-362-LRT is a managed PoE+ switch suitable for connecting and powering devices in hardened environments. The switch can supply up to 50 Watts per port on all (4) PoE ports simultaneously. The switch also includes the embedded Device Management System (DMS) software that provides the advanced tools necessary for total management of all IP addressable devices. The unique DMS provides security integrators with lower overall cost, less downtime and easier management of the entire PoE+ network.

Transition Networks’ hardened switches are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other challenging environments.

Features
- Store-and-Forward Architecture with 16 Gbps Switching Bandwidth
- Supports Jumbo frames up to 9.6K Bytes
- Ring Protections
  - Industry standard G.8032 Ethernet Ring Protection Switching (ERPS)
  - Support G.8031 Ethernet Linear Protection Switching (EPS)
  - Rapid Ring with recovery time less than 20ms
- Radius, TACACS+, User Authentication
- Supports LLDP Protocol
- HTTPS/SSH v1/v2 Network Security
- Temperature Detection and Alarm
- Support HW Watchdog to resume operation from CPU hang up
- IEEE 1588 v2 PTP
- Port Mirroring
- Power-over-Ethernet
  - Port Configuration
  - Auto Power Reset (APR)
  - DHCP per Port
  - PoE Scheduling
  - Rate limiting: Ingress policer, Engress shaping and rate control, per port
- IPv4/IPv6 dual stacks and static routing
- Port Security, IP Source Guard
- Port based network access control (IEEE 802.1X)
- Classification: Port based, IEEE 802.1p VLAN priority based, IPv4/IPv6 precedence /DSCP based, DiffServ, Classification and re-marking ACLs
- Dynamic port based QoS management
- Quality of Service
- Support 8 hardware queues
- Scheduling: strict priority and WRR, Queue assignment based on DSCP and class of service
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- Output: 48~57 VDC, 2.5A, 120 Watts
- Output: 48~57 VDC, 5.0A, 240 Watts
- 8.2 Watts
- 120 Watts Max Budget
- 30 Watts on all (4) PoE+ Ports Simultaneously
- 8.2 Watts
- 120 Watts Max Budget
- 30 Watts on all (4) PoE+ Ports Simultaneously
- Operating: -40°C to +75°C
- Storage: -40°C to 85°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.
- Humidity: 5% to 95% (non-condensing)
- Weight: 2 lbs. [0.9 kg]

Features (Continued)
- Loop Protection
- Quality of Service
- Port Security, IP Source Guard
- System Alarms via SYSLOG / SNMP Trap
- DHCP Client/Server, DHCP relay, Option 82
- Port based network access control (IEEE 802.1X)
- Web / SNMP v1,v2c,v3 / Telnet / CLI management