

LMSW-E33 Ruggedized 1-10 Gigabit Ethernet Layer 2 Managed PoE Switch

Description:

**Ruggedized 1/10 Gigabit
Ethernet Layer 2/3 Managed PoE Switch
2x 1/10G WAN, FO HMA or RJ-45
8 or 24x LAN 10/100/1000Base-T, PoE**



The OPTOKON® LMSW-E33 ruggedized switch based on Cisco® Embedded Service Switch (ESS) 3300 extends switching capabilities to mobile and embedded networks that operate in extreme environments. The flexible, compact form factor of the switch, powered by Cisco IOS® Software, provides highly secure data, voice, and video communications to stationary and mobile network nodes, making it ideal for use in harsh environmental conditions. 10G fiber optic ports are terminated with HMA "Expanded Beam" connectors, which allows interconnection of the nodes of tactical network by the help of cables with optical fibers. The used "Expanded Beam" technology preserves all advantages of signals transmission through the optical lines in field harsh environmental conditions.

The switch supports a variety of management functions, including Web UI, MIB, SmartPort, SNMP, syslog, DHCP server, SPAN session

The switch is able to fit all the common 24 V DC power systems. The switch operates in wide operating temperature range -40 to +70°C. The switch can operate as standalone device or in addition the 19" brackets allow switch installation into 19" rack. Two switches can be connected on the side and mounted in a 19 "rack.

Features:

- Robust compact design resistant to harsh environmental conditions and rough handling
- Cisco IOS Software:
- Network Essentials L2 functionality
- Network Advantage L3 functionality
- 10G uplinks, 1G downlinks
- WAN – 2 ports of 1G/10G (copper or fiber)

- LAN - 8x 1G ports: 8 ports of 10Base-T/100Base-TX/1000Base-T
- LAN - 24x 1G ports: 24 ports 10Base-T/100Base-TX/1000Base-T
- HMA fiber optic connectors
- MRJ (RJ-45) or D38999 multipin connectors
- PoE on all 8/24 ports available
- RS-232 and USB console
- Advanced next generation Cisco IOS-XE SW
- 20 - 40 V DC power supply
- PoE budget 360 W in case of PoE functionality

Specifications:



LMSW-E33-82P/MRJ



LMSW-E33-82P/D38999



LMSW-E33-242P/ D38999



Application: switch LMSW-E33-82P & router LMSR-R63

LMSW-E33-82P Patent Registered:

LMSW-E33-82P is registered as a utility model with the Industrial Property Office under number PUV 34 878

