



### **Overview**

As a key member of Huahuan “MetroEdge-Express” SDH/MSPP Product family, H9MO-LM63 is a carrier-class, cost-effective, compact (only 1U high) SDH/MSPP platform that is designed for applications in metro and access networks to facilitate the efficient transport of traditional TDM and emerging data traffic for service providers. It can provide 63E1 TDM interfaces in only 1U standard 19” box. H9MO-LM63 is best suitable for point-to-point network or standard SDH TM node. Working together with other “MetroEdge-Express” family member such as H9MO-LMFIT, it can support various network topologies such as point-to-point, chain, ring, hub, and mesh networks.

### **Features**

1. 1U box SDH/MSPP with 1 or 2 STM-1 optical interfaces and 63E1 interface.
2. Optical interface supports ALS (Auto Laser Shutdown) function
3. Inter-working with popular SDH/MSPP products of various vendors
4. Support TUG3-TUG2-TU12 tributary channel numbering and time slot numbering at ease
5. Support internal, STM-1 line clock, external and tributary clocking
6. LCD display for system configuration and alarm
7. Support remote power-off alarming function
8. SDH/MSPP core, PDH price
9. Support online upgrading
10. Easy commissioning and maintenance
11. High integration, compact design
12. High reliability, low CAPEX and OPEX

## Technical Specification

Index		Performance Parameter
SDH Interface	Max	1~2 STM-1 optical interfaces ( 1+1 MSP supported )
	Connector	SC/PC
	Spec.	S-1.1, L-1.1, L-1.2 Single fiber bi-directional interface can be optionally supported
PDH interface	E1 Spec.	Comply with G.703, 2.048Mbps, HDB3
	Max E1	63E1
Data	RS485	Asynchronous RS485 data
Management	Protocol	SNMP or Q3
	Interface	10Base-T and RS485
LCD Display		Supported
Physical Dimension		1U: 440 × 44 × 230 (mm)
Power	Supply	-48V DC or 220V (110V) AC or dual power supply +24VDC
	Consumption	≤15 w
Environment	Temperature	0°C ~ 50°C
	Humidity	≤90 %

## Application

