



Meinberg Radio Clocks

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LNE-GbE / LNE-SFP: LNE - Additional Network Interfaces Card with Gigabit Support and SFP Option

This product is only compatible with Meinberg's line of modular **IMS LANTIME** systems.

Visit the [1][IMS Information Page](#) to learn more. The LNE card adds additional network interfaces to the management CPU, increasing the number of NTP and management ports available.

Key Features

- Lantime Expansion for 4 additional 10/100/1000MBIT physical Network Connections
- Hot Plug capable
- Option: Fiber Optical Interface 1000BASE-T SFP

Description

The additional ports can be used to separate network traffic on physical network segments and, by using the bonding feature of LTOS V6, can be used to create link aggregation groups for redundant network connectivity.

The IMS-LNE-G4T offers 4x 10/100/1000base-T network ports, an M3000 equipped with up to seven of these cards would therefore be able to provide a maximum of 29 network ports.

SFP Option

The IMS LNE-GbE network module is also available as fiber-optical variant (LNE-SFP). With this card, network connections over longer distances can be realized. With a single-mode fiber connection (e.g., 1310 nm), connections of up to 10 kilometers are possible.

Characteristics

| | |
|-------------------------------|---|
| Features Status LED | LED status information about initialization, NTP and LAN port |
| Electrical Connectors | 96-pin DIN 41612 connector |
| Network Interface | <p>LNE-GbE Interface: 4 x 10/100/1000Base-T via RJ45 connector Cable: Copper Twisted Pair, e.g. CAT 5.0</p> <p>Link Speed 10/100/1000 Base-T</p> <p>Duplex Modes: Half/Full/Autonegotiaton</p> <p>Option: LNE-SFP Interface: 4 x 1000BASE-T</p> <p>Cable: Multimode Fiber: GI 50/125µm or GI 62,5/125µm gradient fiber Singlemode Fiber: E9/125</p> |
| Supported Temperature | Operational: 0 - 50 °C (32 - 122 °F) Storage: -20 - 70 °C (-4 - 158 °F) |
| Supported Humidity | Max. 85 % (non-condensing) at 40 °C |
| Warranty | Three-year warranty |
| RoHS Status of Product | This product is fully RoHS-compliant. |
| WEEE Status of Product | This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself. |

Manual

There is no online manual available for this product.: [2][Contact us](#)

Links:

[1] <https://www.meinbergglobal.com/english/products/modular-sync-system.htm>

[2] <mailto:info@meinberg.de>