



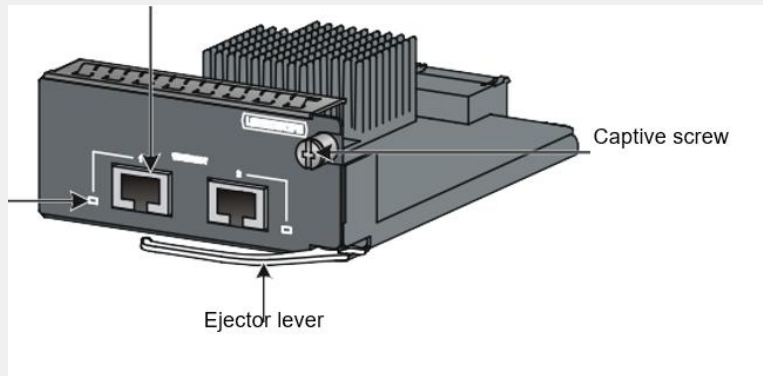
Intelbras

LSWM2XMGT2PM

**Interface Card User
Manual**

Overview

The LSWM2XMGT2PM interface card provides two 10G/5G/2.5G/1000/100BASE-T ports.



The switch models that the LSWM2XMGT2PM interface cards is applicable to may change over time. For the most up-to-date list of applicable switch models, contact Intelbras Support or marketing staff.

The restrictions for using the LSWM2XMGT2PM vary by device model. For more information, see the installation guide or hardware information and specifications for the device.

Installing and removing the card

Prepare the following tools before you install or remove the card: Phillips screwdriver, flat-blade screwdriver, and ESD wrist strap.

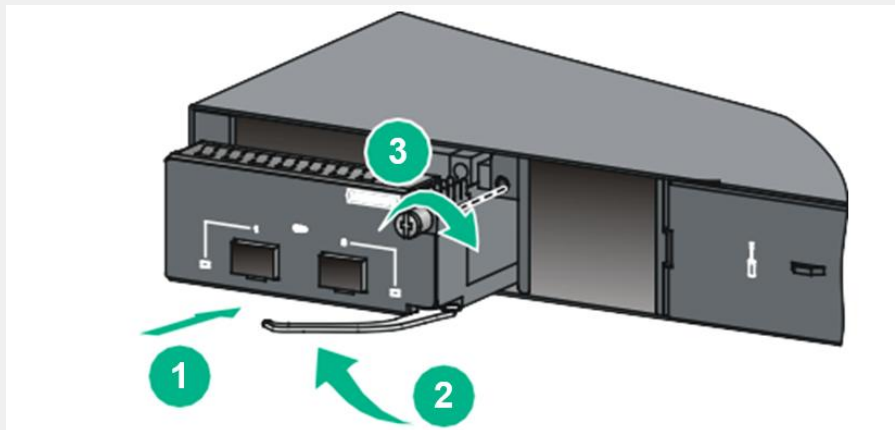
No installation tools are provided with the device. Prepare these tools yourself.

1 - Safety precautions

Before you install or remove the card, wear an ESD wrist strap and make sure the strap makes good skin contact and is reliably grounded.

To avoid device damage, do not use excessive force when you install or remove the card.

2 - Installing the card



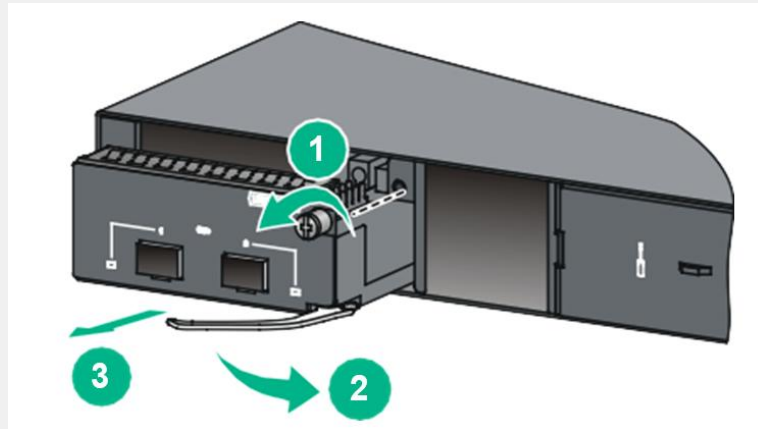
Remove the filler panel (if any) from the target slot before installing the card. Keep the removed screw and filler panel secure for future use.

- (1) Unpack the card. Insert the card slowly into the slot along the guide rails.
- (2) Rotate inward the ejector lever until the card is in close contact with the switch.
- (3) Use a Phillips screwdriver to fasten the captive screw on the card.

3 - Removing the card

To avoid cable damage, remove the cables from the card before removing the card.

If you are not to install a new card after removing the original one, install a filler panel in the slot to prevent dust and ensure good ventilation in the device.



Place the removed card on an anti-static mat or in an anti-static bag.

- (1) Use a Phillips screwdriver to loosen the captive screw on the card.
- (2) Hold the ejector lever to pull the card outward until the card is disconnected from the connectors.
- (3) Hold the card with both hands and take it out slowly.

Verifying the installation

After the installation is complete, determine whether the card is operating correctly. If the card fails to operate correctly, perform the following steps:

Reinstall the card following the installation procedures described in this document.

If the problem persists, contact Intelbras Support.

Ports

| Item | Specification |
|---------------------------------------|--|
| Connector type | RJ-45 |
| Rate, duplex mode, and auto-MDI/MDI-X | <ul style="list-style-type: none"> 1/2.5/5/10 Gbps, full-duplex, auto MDI/MDI-X 100 Mbps, half/full-duplex, auto MDI/MDI-X |
| Max transmission distance | <ul style="list-style-type: none"> 10G mode <ul style="list-style-type: none"> 100 m (328.08 ft) over Category-6 or above shielded twisted pair (STP) 55 m (180.45 ft) over Category-5e twisted pair or Category-6 unshielded twisted pair (UTP) cable: 55 m (180.45 ft) 5G mode: 100 m (328.08 ft) over Category-5e or above twisted pair cable 2.5G mode: 200 m (656.17 ft) over Category-5e or above twisted pair cable 1G mode: 140 m (459.32 ft) over Category-5e or above twisted pair cable 100M mode: 140 m (459.32 ft) over Category-5e or above twisted pair cable |
| Transmission medium | Category-5e or above twisted pair cable |
| Standards | IEEE 802.3ab, 802.3an |

LEDs

The LEDs are not controlled by the port LED mode switching button on your switch. For more information about the port LED mode switching button, see the installation guide for the switch.

LSWM2XMGT2PM Box Content: 1 x Interface Card two 10G/5G/2.5G/1000/100BASE-T ports

Compatibility: Please check the switch datasheet.