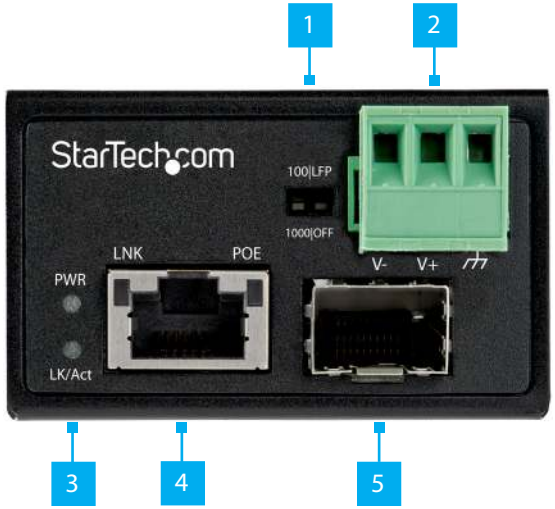
Industrial RJ45 to Open SFP Mini PoE Media Converter - 1000 Mbps (1G) - 30W

Product Diagram (IMC1GSFP30W)



Component		Function		
1	DIP Switches	**DIP Switch**	**Position**	**Function**
		DIP 1 (Left Side)	Up	100 Mbps installations
			Down	1000 Mbps installations
		DIP 2 (Right Side)	Up	Link Fault Pass Through enabled
			Down	Link Fault Pass Through disabled (default setting)
2	Power Input Port	• Connect a **Power Source** • DC power range is from 48V to 56V ***Note:*** *Ensure the input voltage is always within this range.*		

3	LED Indicators	**LED Type**	**Status**	**Indication**
		PWR	On	Power detected
			Off	Power not detected
		LK/Act	On	SFP detected
			Flashing	Fiber data is transmitting and receiving
4	RJ45 Port	• Connect a UTP/STP Cat 5e (or higher) **Network Cable**		
		LED Type	**Status**	**Indication**
		LNK	On	Network connection is detected
			Flashing	Network data is transmitting and receiving
		POE	On	**Power Source Equipment (PSE)** is activated and **Powered Device (PD)** is detected
			Flashing	**PD** not detected
5	SFP Slot	• Insert a **100/1000Base-X SFP Transceiver Module**		

Requirements

For the latest requirements, please visit www.startech.com/IMC1GSFP30W.

- Network Equipment (e.g. Router, Network Switch) x 1
- MSA-Compliant 100/1000Base-X SFP Transceiver Module x 1
- RJ45 Terminated UTP/STP Cat 5e (or better) Network Cable x 1
- Terminated Fiber Optic Cable (dependent on the chosen SFP Module) x 1
- Industrial DC Power Supply Unit or Universal Power Adapter with Type N (OD: 5.5 mm, ID: 2.5 mm) Barrel Connector x 1
- Flat Head Screwdriver x 1
- (Optional - for mounting) Phillips Head Screwdriver x 1
- (Optional - for mounting) Screws x 2

Installation

Connecting the Media Converter

1. Insert an **MSA-Compliant SFP Transceiver Module** (sold separately) into the **SFP Slot** on the **Media Converter.**

2. Remove the **Dust Cover** from the **SFP Module**.
3. Connect a **Fiber Optic Cable** (sold separately) to the **Fiber Optic Port** on the **SFP Module** and to the **Fiber-Network Device**.
4. Connect a **Network Cable** (sold separately) to the **RJ45 Port** on the **Media Converter** and to the **Network Equipment.**

Powering the Media Converter

Connecting and installing the 3-pin **Terminal Block** must be completed by a licensed Electrician.

Notes: *Make sure that you turn off the power source before connecting the power wire to the* **Terminal Block***.*

Do Not exceed the recommend power source voltage as it may result in personal or product damage.

Connect the **Industrial DC Power Supply Unit** (sold separately) to the **Terminal Block**.

- Connect the **Positive Wire** to **V+**
- Connect the **Negative Wire** to **V-**
- Connect the **Neutral Wire** to **Ground**
- Secure the **Wires** by tightening the **Screws** in the **Terminal Block** with a **Flat Head Screwdriver**

--or--

Connect a **Type N (OD: 5.5 mm, ID: 2.5 mm) Barrel Connector** from a **Universal Power Adapter** to the **Terminal Block to Barrel Power Connector Adapter**.

Mounting the Media Converter

Wall Mounting

1. Align the holes in the **Wall Mount Brackets** with the holes in the back of the **Media Converter**.
2. Insert two **Phillips Head Screws** through the **Wall Mount Brackets** and into the **Media Converter.**
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver** (sold separately).

   Note: *Be careful not to over-tighten the* ***Screws****.*
4. Insert two **Screws** (sold separately) through the **Wall Mount Brackets** and into the **Mounting Surface**.
5. Tighten the **Screws** using the appropriate **Screwdriver**.

DIN Rail Mounting

1. Align the holes in the **DIN Rail Bracket** with the holes in the back of the **Media Converter**.
2. Insert three **Phillips Head Screws** through the **DIN Rail Bracket** and into the **Media Converter.**
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver**.

   Note: *Be careful not to over-tighten the* ***Screws****.*
4. Hang the top of the **DIN Rail Bracket** (the section with the two metal clips) onto a **Top Hat** style **DIN Rail**.
5. Press the **DIN Rail Bracket** down and forward to lock the bottom section onto the **DIN Rail**.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (A)/NMB-3(A)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

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