Advance 10/100/1000Mbps SFP PoE Media Converter

Installation

The Advance PoE media converter is a plug-and-play device that requires no user configuration to enable basic operation. DIP switches are provided for optional configuration as per user requirements.

To connect a device:

1. Plug in a copper network connection into the **RJ45** port using Cat5 or better cabling. Maximum cable length must not exceed 100m.
2. Plug in a suitable Gigabit SFP module into the **Fiber** port.
3. Plug in a fibre optic network connection into the SFP port. Cable type and length are dependent on the module used.
4. Plug in the supplied mains power cable into the rear and plug into a mains power supply.
5. The media converter auto detects the copper network interface speed automatically and forwards to the fibre port.
6. The media converter auto detects the PoE class required and delivers power to the **RJ45** port.

Adjusting DIP switches: (please note the media converter requires rebooting after altering DIP switch settings)
* - Combined switches, Switch 1 must be ON to enable switches 2 and 4.
** - Combined switches. Use switch 5 and 6 to select the operation mode.

DIP #	Function	Status	Description
1	ENROM*	OFF	Disable
		ON	Enable
2	FX100M*	OFF	FX 1000M
		ON	FX 100M
3	NULL	OFF	Reserved
		ON	
4	LFP*	OFF	Disable
		ON	Enable
5	MODE1**	OFF/OFF	Store & Forward
		OFF/ON	Modified Cut Through
6	MODE0**	ON/OFF	Smart Pass Through
		ON/ON	Pass Through

Troubleshooting

There is no power being delivered to the media converter.

> Ensure the converter is plugged into a suitable 240V mains supply.

There is no network connection.

> Ensure the patch cable is inserted correctly into the **RJ45** port and to the host device.
> Ensure the SFP module is inserted correctly into the **Fiber** port.
> Ensure the fibre cable is inserted correctly into the SFP module and there is a crossover in the link (TX-RX, RX-TX)

WARNING – NEVER LOOK DIRECTLY INTO AN ACTIVE FIBRE OPTIC PORT

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