

# IMC-150LI

## LONG REACH ETHERNET EXTENDER

- ✓ Extends Ethernet up to 800m at 10 Mbps or 500m at 100 Mbps over UTP cable
- ✓ Extends Ethernet up to 1km at 10 Mbps or 500m at 100 Mbps over Coaxial cable (IMC-150LI)
- ✓ Railway Trackside EN 50121-4
- ✓ Features Link Fault Pass Through (LFPT)
- ✓ Switch-selectable for configuring LAN rate and connection type



The extender IMC-150LI is a device that allows you to extend data transmission over a distance of more than 100 meters.

The device supports 10/100 Mbps Ethernet via twisted pair (CAT-5, UTP) or coaxial cable. It provides a user-configurable selection of LFPT functions via DIP switch, enforces speed settings, is flexible and freely extends

existing Ethernet networks to reach remote IP devices. The IMC-150LI extender provides a twisted pair (CAT-5, UTP) and coaxial cable connection that transmit data over a maximum distance of 800 m and 1 km, respectively.

The IMC-150LI used in point-to-point topology offers the best solution for commercial

buildings, schools, hospitals, airports and virtually anywhere where Ethernet transmission over a distance of more than 100 meters is required. It also allows the use of existing infrastructure (e.g. telephone cable) when replacing the existing cable system is impossible or not cost-effective.

<b>IMC-150LI</b>	
<b>Communications</b>	
Standard	IEEE 802.3, 802.3u, 802.3x
LAN	10/100Base-T(X)
Transmission Speed	Up to 100 Mbps
<b>Interface</b>	
1.5M CAT5 Ethernet cable	<ul style="list-style-type: none"> <li>&gt; 1 x 10/100Mbps RJ-45</li> <li>&gt; 1 x 10/100Mbps Combo UTP/COAX</li> </ul>
DIP Switch	LFPT, AUTO-Nego, Speed, UTP/COAX PIN 1 LFPT ON/OFF PIN 2 AUTO ON/OFF (OFF to take effect for PIN 3) PIN 3 SPEED ON:100Mbps / OFF:10Mbps PIN 4 ON:COAX / OFF:UTP
LED Indicators	PWR, 1-PAIR, COAX P1 10M LNK/ACT, 100M LNK/ACT P2 10M LNK/ACT, 100M LNK/ACT
<b>Power</b>	
Power Consumption	2.401W
Power Input	12 ~ 48V DC
Power Output	30W
Connectors	2P Pluggable Terminal Block, DC Jack
<b>Physical</b>	
Enclosure	IP30, Metal shell with solid mounting kits
Dimensions (W x H x D)	93 x 21 x 98 mm
Mounting	DIN-Rail, Wall
<b>Protection</b>	
Reverse Polarity	YES
<b>Environment</b>	
Operating Temperature	-40 ~ 75°C
Storage Temperature	-40 ~ 85°C
Operating Humidity	10 ~ 95% (non-condensing)
Storage Humidity	10 ~ 95% (non-condensing)