

# LX100

10/100 Base-TX LAN Extender

CTC's LAN Extender pair (LX100) can extend data beyond the 100 meters limitation of standard Ethernet. The paired units work in a point-to-point topology over 1 or 2 pair unshielded twisted pair (UTP) cabling up to 800 meters. These products can extend your 10/100Mbps Ethernet network by up to 800m over UTP cable.

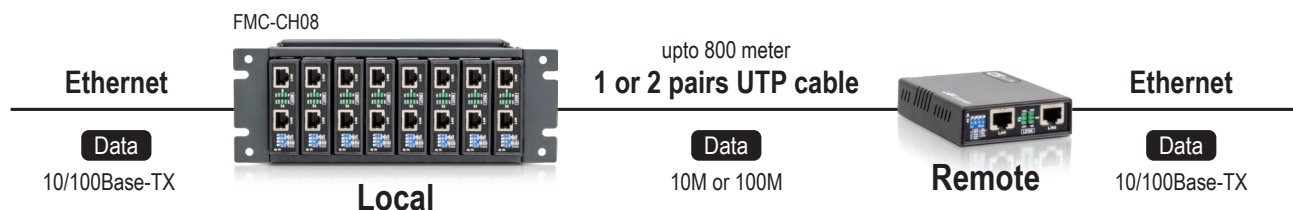
## Features

- Long distance data transmission up to 800 meter on 1/2 pair UTP cable
- Quick deployment and easy maintenance

## Specifications

<b>Standard</b>	IEEE 802.3, 802.3u	<b>Cable</b>	1 or 2 pair UTP cable Cat.5e, Cat. 6
<b>Connector</b>	1x10/100Base-TX RJ45 LAN port 1x RJ-45 WAN port	<b>Operating Temperature</b>	0 ~ 50°C
<b>Dip Switch</b>	SW 1 : Link Fault Pass Through (LFPT) Off: Disable/On: Enable SW 2 : Line Speed Off: Auto/On: 10M SW 3 : Negotiation Mode Off: Auto/On: Local	<b>Storage Temperature</b>	-10 ~ 70°C
<b>LED</b>	Power (Green) LFPT (Green) LAN Link active (Green) Line Speed/Link active 10M(Green), 100M(Green) Local(Green)	<b>Humidity</b>	5% ~ 90% (non-condensing)
<b>Data Rate</b>	The line speed between LX100 will be 10M or 100M that depend on extension length. The LAN speed of LX100 is same with line speed	<b>Power Input</b>	12VDC
		<b>Power Consumption</b>	<3W
		<b>Dimensions</b>	23 x 96.5 x 73.4mm (WxDxH)
		<b>Weight</b>	73.5g
		<b>MTBF</b>	>65000 hours
		<b>Certification</b>	FCC, CE

## Application



## Ordering Information

Model Name	Description
LX100	10/100Base-TX Ethernet LAN Extender

### ▪ Chassis (Option)

Model Name	Description
FMC-CH17-AC	2U, 19", 17-Slot Chassis with AC Power
FMC-CH17-DC	2U, 19", 17-Slot Chassis with DC Power
FMC-CH17-AD	2U, 19", 17-Slot Chassis with AC+DC Power
FMC-CH08-AC	2U, 10", 8-Slot Rack with 10" Rack Mount Ear and AC Power
FMC-CH08-DC	2U, 10", 8-Slot Rack with 10" Rack Mount Ear and DC Power