10/100 Mbps Managed Optical Demarcation Compact CPE Device

IE-MiniFiberLinX-II - including LastGasp / Telco models

PRODUCT FEATURES

- · Loopback troubleshooting
- SNMP Manageable
- Power options: AC, DC and 802.3af Power over Ethernet (PoE)
- Bi-directional Bandwidth control
- MTU: Supports over-sized packets up to 1916
- Supports passive 802.3ah OAM (Operation, Administration & Management

The compact IE-MiniFiberLinX-II and IE-MiniFiberLinX-II with LastGasp/Telco is one of the most versatile fiber optic NID devices available on the market today.

As a copper-to-fiber converter, the IE-MiniFiberLinX-II series (including LastGasp / Telco) supports multiple fiber types including multimode, singlemode, and single-strand fiber to increase the capacity of existing fiber. As a remote, CPE device, it can be connected via the fiber segment to an iMcV-FiberLinX-II Host module to support Host/Remote management.

It provides point-to-point fiber optic connections with a unique management tool to monitor the entire link between two locations. Both models are designed to work with -48 VDC power that is compliant with the Bellcore GR-499 specification, supporting the minimum and maximum transient voltages, typically required by transport equipment used in Telco environments. Additionally,one model offers Last Gasp, a Trap notification feature that identifies when the power lines are down or of a possible power supply failure. Other key features include; carrier grade remote SNMP management, extra tagging using Q-in-Q, and PoE (Power over Ethernet, on non-Telco version only).

Equipped with one 100 Mbps fiber data port, one 10/100 twisted pair port for data and management, as well as an auxiliary port designed to function as a serial port (when used with the included adapter), the IE-MiniFiberLinX-II/ LastGasp also offers multiple powering options: AC power (with included adapter), DC (through a 4-terminal power block).



Webserver Version iView² - free download from website.

ORDERING INFORMATION

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MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR	
IE-MiniFiberLinX-II						
856-19717	MM850-ST	1	2 km	1	RJ45	
856-19718	MM850-SC	1	2 km	1	RJ45	
856-19722	MM1300-ST	1	5 km	1	RJ45	
856-19723	MM1300-SC	1	5 km	1	RJ45	
856-19724	SM-1310/PLUS-ST	1	40 km	1	RJ45	
856-19725	SM1310/PLUS-SC	1	40 km	1	RJ45	
856-19727	SM1310/LONG-SC	1	80 km	1	RJ45	
856-19735	SM1310/PLUS-SC	1	30 km	1	RJ45	
SINGLE STRA	ND FIBER *					
856-19752	SSFX-SM1310-SC	1	20 km	1	RJ45	
856-19753	SSFX-SM1550-SC	1	20 km	1	RJ45	
856-19755	PLUS-SC	1	40 km	1	RJ45	
856-19757	SSFX-SM1550/ LONG-SC	1	60 km	1	RJ45	
IE-MiniFiberLinX-II/Telco/LastGasp						
856-17723	MM1300-SC	1	5 km	1	RJ45	
856-17727	SM1310/PLUS-SC	1	30 km	1	RJ45	
856-17729	SM1310/LONG-SC	1	80 km	1	RJ45	
SINGLE STRAI	ND FIBER *					
856-17742	SSFX-SM1310-SC	1	20 km	1	RJ45	
856-17743	SSFX-SM1550-SC	1	20 km	1	RJ45	
856-19762	SSFX-SM1310-SC	1	20 km	1	RJ45	
856-19755 856-19757 IE-MiniFibe 856-17723 856-17729 SINGLE STRAI 856-17742 856-17743	SSFX-SM1550/ PLUS-SC SSFX-SM1550/ LONG-SC rLinX-II/Telco/LastGa MM1300-SC SM1310/PLUS-SC SM1310/LONG-SC ND FIBER * SSFX-SM1310-SC SSFX-SM1550-SC	1 1 asp 1 1 1 1 1 1 1 1	40 km 60 km 5 km 30 km 80 km 20 km	1 1 1 1 1 1 1 1 1 1 1	RJ45 RJ45 RJ45 RJ45 RJ45 RJ45 RJ45	

* These products have single-strand fiber technology. Deploy in pairs or connect another compatible Advantech B+B SmartWorx LLC single-strand fiber product.

ACCESSORIES	
806-39105 - DIN Rail Clip	
806-39638 - Double-USB Power Cable, 36 inch (0.9 m)	
806-39650 - 12 inch (0.3 m) Barrel-Connector Power Cable	
806-39753 - IE-Power/5V Module, AC to DC DIN Rail Power Adapter	

All product specifications are subject to change without notice. IE-MiniFiberLinX-II/LastGasp/Telco/Standard_3517ds



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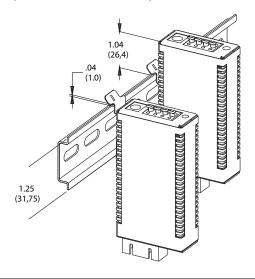
SPECIFICATIONS GENERAL

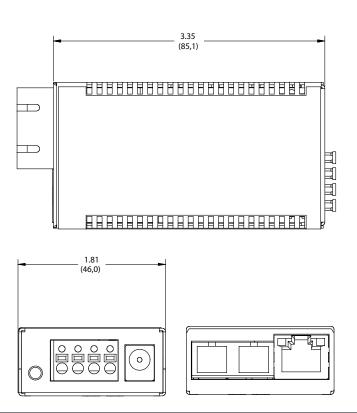
	GENERAL
	Preserves complete end-to-end fiber connection integrity
	Bi-directional bandwidth control (per port, per direction, per VLAN)
	Read/write IEEE 802.1Q VLAN-tags
	Extra Tagging with Q-in-Q mode (802.1p)
	Supports passive 802.3ah OAM (Operation, Administration & Management)
	QoS: IEEE 802.1p-based packet prioritization (2 queues [high/low] with 8 levels of priority)
	VLAN filtering up to 32 values
ļ	Layer 2 packet switching, store and forward operation
	Forwarding rate: 14,881 pps for 10 Mbps; 148,810 pps for 100 Mbps
ļ	AutoCross for MDI/MDIX
	Features Auto Negotiation and Selective Advertising
ļ	Supports Half and Full-Duplex operation
ļ	MTU: Supports over-sized packets up to 1916 bytes per packet
ļ	SECURITY
	Password Control
l	Multiple Access Levels: User Assigned Accounts & Access Levels
ļ	MANAGEMENT
	SNMP V1 and V2c compatible
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MECHANICAL				
Dimensions	0.83H x 1.80W x 3.35D inches (2.11H x 4.57W x 8.51D cm)			
POWER				
AC Wall Adapter: 100 to 240 VAC	±10% input, 5 VDC output, 2A max.			
DC Input Voltage: 12 to 48 VDC, 1	to .02A, 7 to 50 VDC, 1 to 0.1A			
ENVIRONMENTAL				
Operating Temperature	+14 to +122 °F (-10 to +50 °C) AC Adapter			
	-13 to +167 °F (-25 to +75 °C) DC Terminal Block			
	-49 to +185 °F (-45 to +85 °C) DC Telco			
Storage Temperature	-49 to +185 °F (-45 to +85 °C)			
Operating Humidity	5 to 95% Non-condensing			
REGULATORY APPROVALS				
FCC Class A				
UL/cUL, CE, CSA, CB				
UL (Environmental) - "Equipment intended for installation in Restricted Access Location." Applies when this device is installed in an area where the ambient temperature is above 40 °C. MEANTIME BEFORE FAILURE (MTBF)				

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)





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