



# PHB-200M PHB-200

20x 100/1000Base-T to 20x 100/1000Base-X  
FE/GbE Media Converter Concentrator

PHB-200M is a 20-channel Managed Media Converter that converts Ethernet copper 100/1000Base-TX to SFPs working at 100Mbps and 1000Mbps. PHB-200M can connect to any RJ-45 Ethernet switch and supports any third-party standard SFP module from any SFP vendor. PHB-200M can also be used as an Ethernet copper-to-fiber media converter. With different kinds of fiber optic media, both multi-mode and single mode fiber are available as well as BiDi which allows bi-directional transmissions using only a single fiber to extend the distance of Fast Ethernet and Gigabit Ethernet networks. With SNMP and Web-based management, the administrator can monitor, configure and control the activity of PHB-200M remotely.

## Features

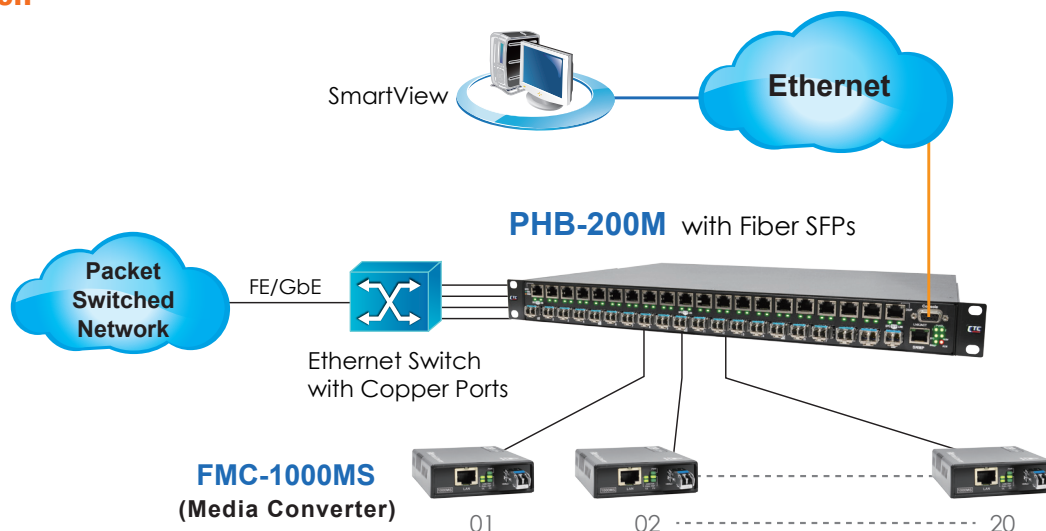
- 1U, 19", 20 channels Managed Media Converter Concentrator
- 20-port 100/1000Base-T to 20-port 100/1000Base-X SFP
- Auto MDI/MDIX in TP port
- Auto-Negotiation in TX port
- Supports hot-swappable SFPs working at 100 Mbps and 1000 Mbps
- Supports Web, Telnet, SNMP Management (PHB-200M)
- Local configuration via DB9 port
- Supports Link Pass-Through & Link loss Alarm
- Supports any third-party standard SFP module
- Supports SFP DDMI
- Layer 2 wire-speed conversion with fully transparent function
- Available in 3 types : power built-in AC, DC, AC+DC

## Specifications

<b>Optical Interface</b>	Connector	SFP LC
	Number of port	20
	Data rate	100/1000Mbps
	Duplex mode	Full duplex
	Fiber	MM 50/125um, 6.25/125um, SM 9/125um
	Distance	MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
	Wavelength	1310nm, 1550nm, CWDM 1471nm ~ 1611nm
<b>Management</b>	Console, Web, Telnet, SNMP	
<b>Control Port</b>	RS-232 DCE, DB-9, female	
<b>Standards</b>	IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x	
<b>Indications</b>	Power FX-Link, Duplex, TX-Link/Act, TX-Speed	

<b>Electrical Interface</b>	Connector	RJ-45
	Number of port	20
	Data rate	10/100/1000Mbps
	Duplex mode	Half / Full duplex
	Cable	10Base-T Cat. 3, 4, 5 UTP 100/1000Base-T Cat.5, 5e or higher
<b>Power</b>	100 ~ 240VAC, 36~60 VDC	
<b>Power Consumption</b>	45W	
<b>Dimensions</b>	180 x 440 x 44mm (D x W x H)	
<b>Weight</b>	3.4kg	
<b>Temperature</b>	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)	
<b>Certification</b>	CE, FCC	

## Application



## Ordering Information

Model Name	Description
PHB-200M-AC, DC, AD	20-ch Managed FE/GbE Media Converter Concentrator, built-in AC, DC or AD (AC+DC) Power
PHB-200-AC, DC, AD	20-ch FE/GbE Media Converter Concentrator, built-in AC, DC or AD (AC+DC) Power

Power Type  
**PHB-200**  -   
 Example: PHB-200M - DC