



# KC-1200 Series



## Modular Media Converter Centers



Both KC-1200/LR & KC-1200/R support redundant power supply for the needs of high availability



KC-1200 & KC-1200/R support status LEDs for the ease of diagnosis on the front panels of base unit

KC-1200 is a configurable media converter rack that can host 12 slots of 10Base or 100Base media converters. A wide range of media modules are available depending on your variety of network cabling environment. These media converter modules are including UTP to multimode ST, SC, single mode ST (10Base-FL), and single mode SC (100Base-FX) connectors. KC-1200 Series comes with a choice of four base units: KC-1200/L Unmanaged, KC-1200 SNMP Managed, KC-1200/LR Unmanaged with redundant power supply, and KC-1200/R SNMP Managed with redundant power supply.

### Key Features:

- 12-slot modular 10/100 media converter centers
- Complies to IEEE 802.3 10Base-T, 10Base2, 10Base-FL and IEEE 802.3u 100Base-TX, 100Base-FX
- Supports both SNMP and Web-Based Management
- Software upgradable through FTP and TFTP
- Supports standard MIB
- Supports redundant power supply for high availability
- 19-inch rack mountable

### Management Features:

- Provide SNMP and Web management for the base unit power status, module type and port link status of each media converter module
- Support standard MIB II (RFC 1157 and RFC 1213) and private MIBs
- Management from anywhere and any platform using a web browser
- Easy-to-use familiar point and click interface
- Photographic quality GUI to configure/monitor the device
- Local console management via RS-232 (DB-9) port
- In-band/out-of-band remote Telnet management

### Specifications:

Base Unit	KC-1200/L	KC-1200	KC-1200/LR	KC-1200/R
SNMP Management	N/A	Yes	N/A	Yes
Redundant Power	N/A	N/A	Yes	Yes
Max. Slots	12	12	12	12
LAN Port	N/A	Shielded RJ-45	N/A	Shielded RJ-45
Console Port	N/A	RS-232	N/A	RS-232
LEDs	N/A	Power1, Power2 Fault, Management	N/A	Power1, Power2 Fault, Management
Power	115/230V, 50/60 Hz, 200w (PS2 type power module)		115/230V, 50/60Hz, 230W (Redundant power supply)	
Environment	Temperature: 0° to 40°C Relative Humidity: 10% to 90% non-condensing			
Dimensions	400 x 290 x 110 mm (WxDxH)			

## Specifications for Media Converter Modules:

TP port	Shielded RJ-45
MDI & MDI-X	Push-button
UTP Cable	10Base Media Converter Modules: Cat.3, 4, 5 UTP Cables (100m max.) 100Base Media Converter Modules: Cat. 5 UTP Cable (100m max.)
LEDs	Power, TP Link/Act., Fiber Link/Act.
Environment	Operating Temperature: 0° to 40°C Relative Humidity: 10% to 80% non-condensing
Dimension	95 x 100 x 25.4mm (3.74 x 3.94 x 1inch)

## Ordering Information:

### Media Converter Center Chassis

KC-1200/L	Modular Media Converter Center
KC-1200	Managed Modular Media Converter Center
KC-1200/LR	Modular Media Converter Center with Redundant Power Supply
KC-1200/R	Managed Modular Media Converter Center with Redundant Power Supply

### 10Base-T to 10Base-FL Modules

Model	Connector	Fiber Cable	Wavelength	Tx Power	Rx Sensitivity	Distance Max.
KC-1200-FLT	ST Duplex	MMF*1	820nm	-15.2dBm	-34.4dBm	2km
KC-1200-FLC	SC Duplex	MMF	820nm	-15.2dBm	-34.4dBm	2km
KC-1200-FLS12	ST Duplex	SMF*2	1310nm	-30dBm	-39dBm	12km

### 10/100Base-TX to 100Base-FX Modules

Model	Connector	Fiber Cable	Wavelength	Tx Power	Rx Sensitivity	Distance Max.
KC-1200-TFT	ST Duplex	MMF	1310nm	-19~ -14dBm	-33dBm	2km
KC-1200-TFC	SC Duplex	MMF	1310nm	-19~ -14dBm	-33dBm	2km
KC-1200-TFJM	MT-RJ	MMF	1310nm	-19~ -14dBm	-33dBm	2km
KC-1200-TFVM	VF-45	MMF	1310nm	-20~ -14dBm	-33dBm	2km
KC-1200-TFSA2	SC Duplex	SMF	1310nm	-15~ -8dBm	-31dBm	15km
KC-1200-TFSL2A	SC Duplex	SMF	1310nm	-15~ -3dBm	-30dBm	20km
KC-1200-TFSA4	SC Duplex	SMF	1310nm	-5~ 0dBm	-34dBm	40km
KC-1200-TFSL5	SC Duplex	SMF	1310nm	-5~ 0dBm	-35dBm	50km
KC-1200-TFSL6	SC Duplex	SMF	1310nm	-3~ +3dBm	-37dBm	70km
KC-1200-TFSL9	SC Duplex	SMF	1310nm	0~ +5dBm	-37dBm	90km
KC-1200-TFSL10	SC Duplex	SMF	1550nm	-3~ +3dBm	-37dBm	100km

\*1 : Multimode fiber -62.5/125 μm, 50/125 μm

\*2 : Single Mode fiber - 9 /125 μm