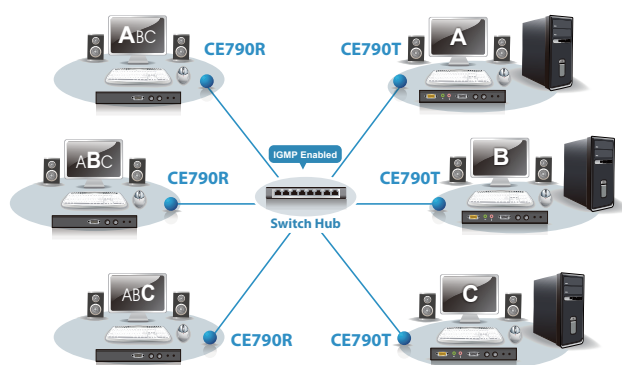# CE790

Digital KVM Extender

The CE790 is a IP based KVM Extender with automatic cable detection (Auto-MDIX) and RS-232 serial functionality that allows access to a computer system from a remote USB console (USB keyboard, monitor, and USB mouse) anywhere on the intranet.

The CE790 improves on previous designs by: 1) the addition of an intuitive On Screen Display (OSD) on both the transmitter and receiver units for easy setup and operation; 2) working over a standard TCP/IP LAN via inexpensive Cat 5e cable, allowing point-to-point, point-to-multipoint, and multipoint-to-multipoint administration without the need for an additional KVM switch; and 3) the addition of an RS-232 port, on both the transmitter and receiver Units – to connect to a serial terminal for configuration, and serial devices such as touchscreens and barcode scanners.

Setup

* The CE790 can be installed in point to point, point to multipoint and multipoint to multipoint configurations. Multipoint configurations require a separate purchase - contact your delear for details.

* In multipoint configurations, the IGMP (Internet Group Management Protocol) function of your network switches/hubs should be enabled to avoid deterioration of data throughput. If you do not know how to enable IGMP, please contact your network administrator.

Features

- Remotely access computers on your KVM installation via intranet
- Dual console operation – control your system from both the transmitter and receiver USB consoles
- OSD (On Screen Display) on both the transmitter and receiver units
- Supports GUI operation[1]
- No software required – an HTTP server is embedded in both units
- Built-in ASIC for greater reliability and compatibility
- USB Keyboard and USB Mouse Ports
- RS-232 serial ports[2] – allows you to connect to a serial terminal for configuration, or serial devices such as touchscreens and barcode scanners
- Audio enabled
- USB overcurrent detection and prevention
- High resolution video – up to 1920 x 1080
- Supports widescreen formats
- Ultra-High quality video mode
- Hot pluggable
- Rack mountable
- Firmware upgradable
- Auto-MDIX – automatically detects cable type

Note:
1. The CE790 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com).
2. RS-232 serial ports support Tx/Rx/CTS/RTS signals only.

Specifications

Function			CE790T	CE790R
Connectors	Console Ports	Keyboard	1 x USB Type A Female (White)	
		Video	1 x HDB-15 Female (Blue)	
		Mouse	1 x USB Type A Female (White)	
		Speaker	1 x Mini Stereo Jack Female (Green)	
		Mic.	1 x Mini Stereo Jack Female (Pink)	
	KVM Ports	Keyboard/ Video / Mouse	1 x SPHD-17 Female (Yellow)	N/A
		Speaker	1 x Mini Stereo Jack (Green)	
		Mic.	1 x Mini Stereo Jack (Pink)	
	RS-232		1 x DB-9 Female (Black)	1 x DB-9 Male (Black)
	Power		1 x DC Jack	
	LAN		1 x RJ-45 Female (Black)	
Pushbuttons	OSD		1 x Pushbutton	
	Select		1 x Pushbutton	
LEDs	Status		1 (Green / Orange)	
	Power		1 (Green / Red)	
Emulation	Keyboard / Mouse		USB	
Power Consumption			DC5.3V/6.62W	DC5.3V/6.36W
Video			Up to 1920 x 1080	
Environment	Operating Temp.		0–50ºC	
	Storage Temp		-20–60ºC	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		0.50 kg	0.48 kg
	Dimensions (L x W x H)		20.00 x 8.00 x 2.50 cm	

* The specifications and pictures are subject to change without notice.

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