

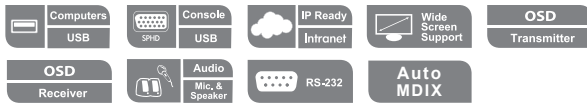
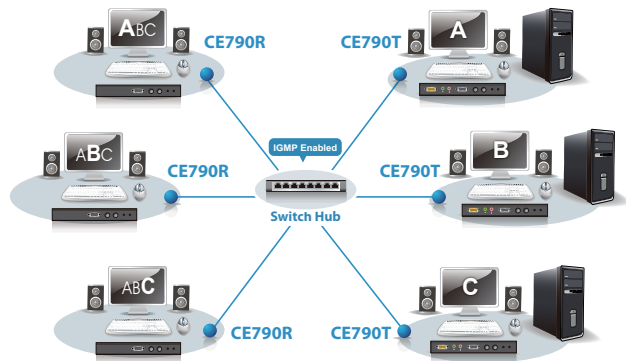
# CE790

## 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 dealer 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<sup>1</sup>
- 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<sup>2</sup> – 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](http://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)	N/A	
	KVM Ports	Keyboard/ Video / Mouse		1 x SPHD-17 Female (Yellow)
		Speaker		1 x Mini Stereo Jack (Green)
		Mic.		1 x Mini Stereo Jack (Pink)
		RS-232		1 x DB-9 Female (Black)
	Power	1 x DC Jack		
	LAN	1 x RJ-45 Female (Black)		
	Pushbuttons	OSD	1 x Pushbutton	
		Select	1 x Pushbutton	
		Status	1 (Green / Orange)	
LEDs	Power	1 (Green / Red)		
	Emulation	Keyboard / Mouse		
Power Consumption	DC5.3V/6.62W	DC5.3V/6.36W		
Video	Up to 1920 x 1080			
Environment	Operating Temp.	0–50°C		
	Storage Temp	-20–60°C		
	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.