



CHRISTIANSEN

# CAV-9520

## 4K2K HDMI + USB EXTENDER OVER IP ETHERNET WITH VIDEO-WALL

The CAV-9520 is a perfect solution for 4K2K HDMI with USB/IR/RS232 over IP Ethernet. The system includes CAV-9520T Transmitter (TX) and CAV-9520R Receiver (RX). The TX connects to PC or Blu-ray player for the 4K2K HDMI source, the RX connect to display, speaker, microphone, and USB devices. The solution is based on the standard IP technology, the TX converts input signals (HDMI, Audio, USB, ...) to IP packets and Multicast/Unicast to Gigabit Ethernet switch. On the other end of RXs, receiving IP packets from Ethernet switch then converts back to HDMI, Audio, USB ... and send to display, speaker, USB devices. The 4K2K Encoder/Decoder engine built with Scaling function, multiple RXs are flexible to be configured as Video-Wall displays. Perfect for 4K2K AV Broadcasting, KVM Matrix Control, Video-Wall applications like informational displays, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.

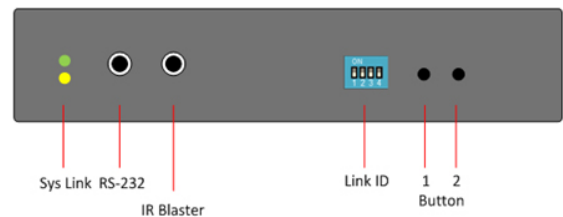
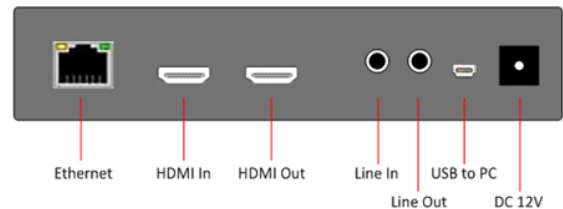


### FEATURES

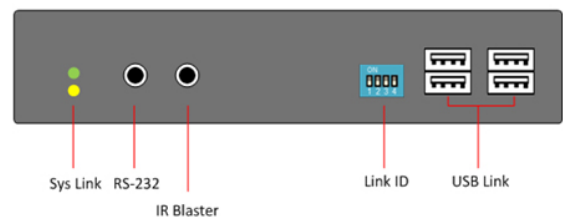
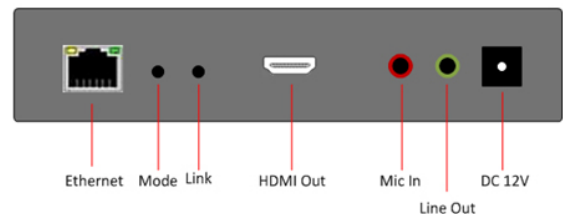
- Support 4K2K HDMI 3840 x 2160 @ 30Hz resolution.
- All TX and RX are inter-connected by IP based Gigabit Ethernet Switch.
- Easy cabling, easy installation, easy maintenance.
- Support one-to-one (Unicast), one-to-many (Multicast) for Audio/Video real time broadcasting.
- Support many- to-many Group Broadcasting if the Ethernet switch enabled the IGMP function.
- Support USB for KVM PC control, you can attach keyboard, mouse, touch screen, USB storage at the Receiver site to control the PC at the Transmitter site.
- The 4K2K Encoder/Decoder engine built with Scaling function, multiple RXs are flexible to be configured as Video-Wall displays.
- Support both HDMI and 3.5mm stereo audio, you can use speaker/microphone at the Receiver.
- Support IR option, you can use the IR remote controller at Receiver site to control the set-top box at the Transmitter site.
- Support RS-232 bridge option, you can send RS-232 data in between PC and screens.
- Pure hardware design, plug-and-play, no any additional software installation required.
- Built-in HTTP for configuration IP address, Multi/Unicast, Baud Rate, ...
- Provide Connection Manager Software for Transmitters/Receivers connection Management.
- Provide Video-Wall Manager Software for Video-Wall Configuration and Operation Management.
- FCC, CE, RoHS.

### FRONT AND BACK VIEW

#### CAV-9520T



#### CAV-9520R



#### CHRISTIANSEN GMBH

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## SPECIFICATION

Model No.		CAV-9520T Transmitter	CAV-9520T Transmitter	
Connectors	HDMI Input	1	N/A	
	HDMI Output	1 x Local Loop-Out	1	
	Power	DC 12V 2A		
	Network Port	1 x RJ45 Gigabit		
	USB Upstream (to PC)	1	N/A	
	USB to Devices	N/A	1	
	Mounting Holes	Yes		
	3.5mm Stereo Line-In	1	N/A	
	3.5mm Mic-In	N/A	1	
	3.5mm Stereo Line-Out	1		
	IR remote control (option)	1 x IR Blaster	1 x IR Receiver	
	RS-232 (option)	Yes		
Resolution		4K2K (3840x2160@30Hz)		
Inter-connect Cable		CAT 6 / 7		
Operation Temperature		0 ~ 50°C		
Storage Temperature		-20 ~ 85°C		
Environment	Humidity	0 ~ 80% Non-condensing		
	Material	Metal (Black)		
	Weight	453 g	453 g	458 g
Physical Properties	Dimension	150x110x28 mm	150x110x28 mm	150x110x28 mm



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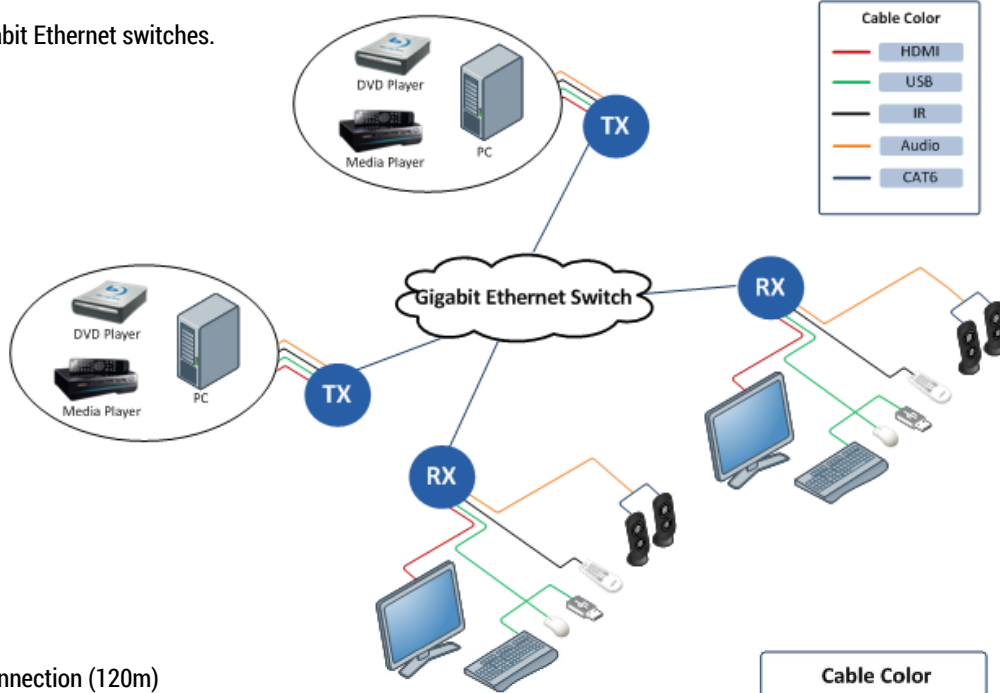


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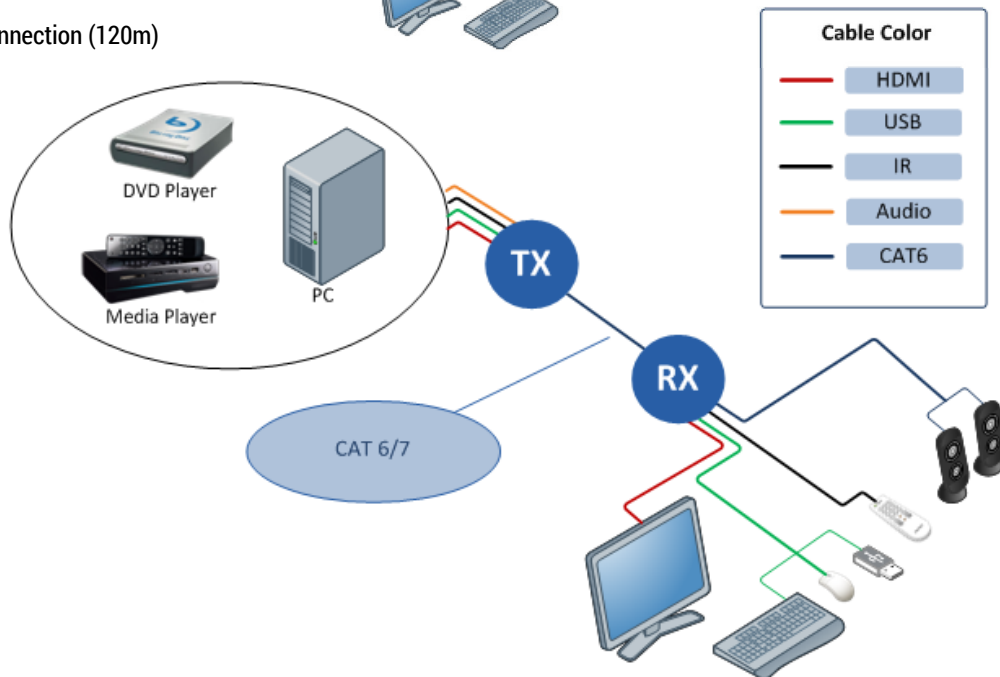
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## DIAGRAM

→ Over Gigabit Ethernet switches.



→ Direct Connection (120m)



→ 19" 1U Rack Mount Plate for 2 x CAV-9520T



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