4K Video over LAN

One Device - Many Solution.
Matrix Switch. Video Wall. Extend. Control

PRO DSX-TX

PRO DSX-RX

The **Octava PRO DSX** is a simple to use, powerful video distribution solution designed to deliver HD video including 4k UHD from multiple sources to multiple displays. The PRO DSX also functions as a Video Wall processor to create n x m video walls.

The PRO DSX delivers HD video over standard CATx LAN cables allowing for simple integration in virtually any infrastructure. The PRO DSX was specifically designed for ease of use for residential installations and engineered for scalability to accommodate large video distribution systems such as education, corporate , and hospitality applications.

Flexible Video Switching- Build virtually any size video matrix with the Pro DSX. The Pro DSX is a scalable platform enabling easy system growth. Simply add Pro DSX TX or RX as needed.
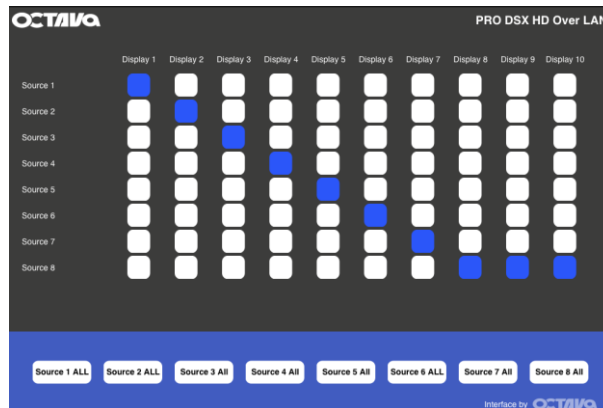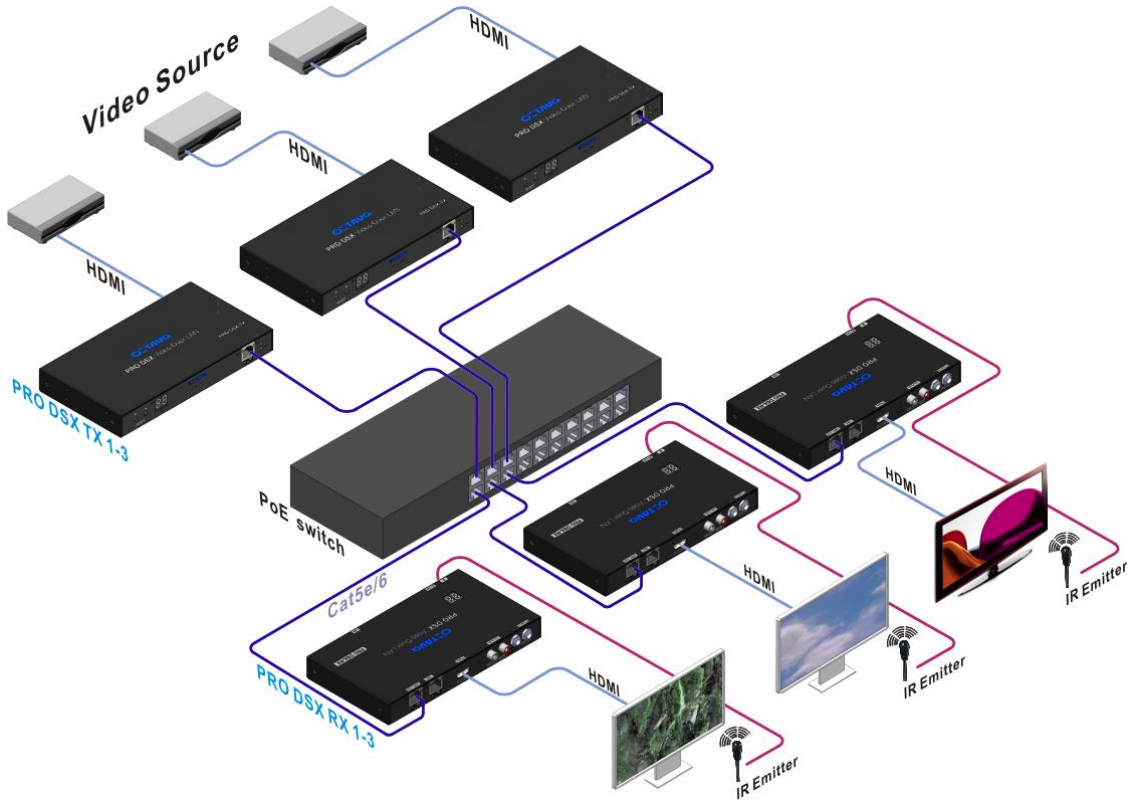
Integrated Video Wall Support- The Pro DSX features a built-in video wall process that enables you to create custom video wall using standard consumer grade displays.

Scalable- Connected Receiver decoder can be individually scaled to work in hybrid systems with mix of 1080P and UHD displays.

Video Preview Status Monitoring : View SnapShot of each connected display for ease of management and control of your large video system.
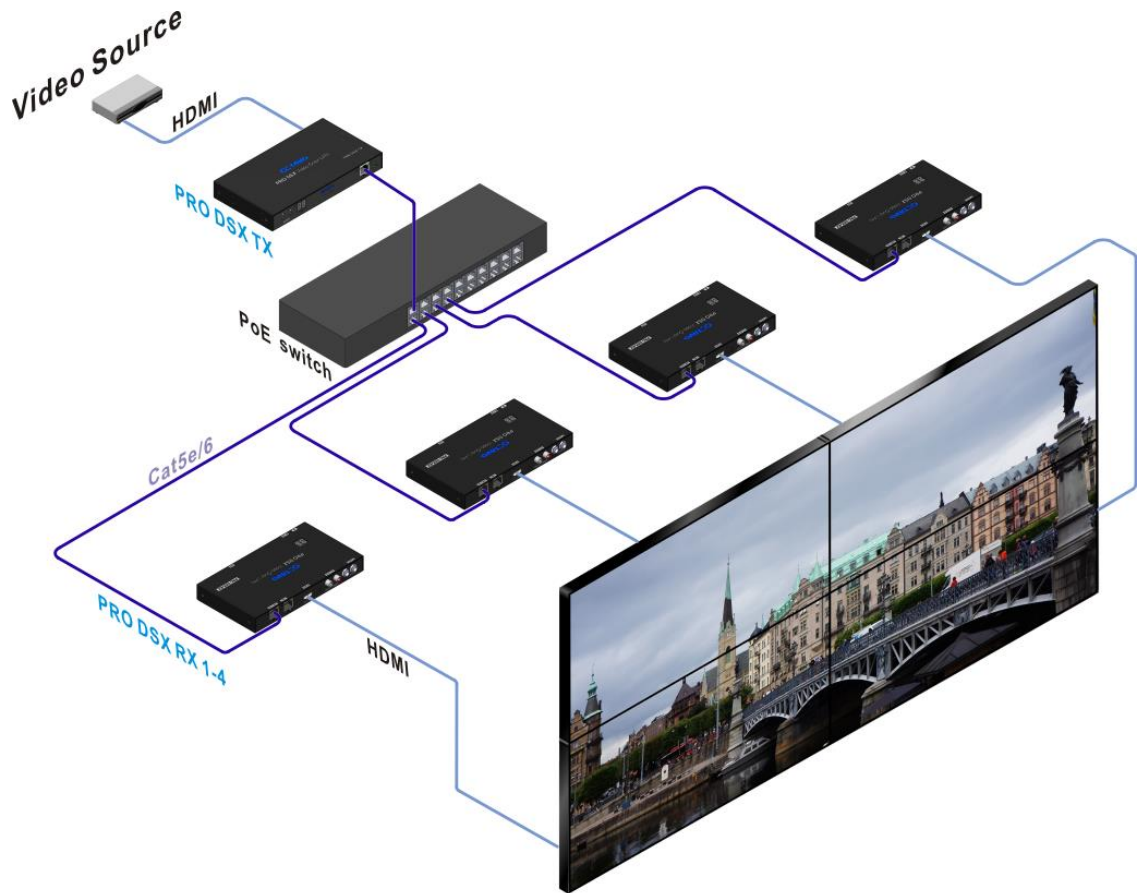
Easy To Use- Get setup and control quickly with our easy to use Installer Software and iOS and Android based App.

Multi Source to Display Video Switching

Customizable Matrix Control App (available for iOS, and Android Devices)

Video Wall

Video Source
HDMI
PRO DSX TX
PoE switch
Cat5e/6
PRO DSX RX 1-4
HDMI

Customizable Matrix Control App (available for iOS, and Android Devices)

Parameter	Specification	
Resolution Support	**Input Resolution**	**Output Resolution**
	480P, 720P, 1080i/P	480P, 720P, 1080i/P
	3840x2160 @30 Hz	3840x2160 @30 Hz
	3840x2160 @60Hz	3840x2160 @30 Hz
HDCP	1.4 , 2.2	
N x M Video Matrix	Yes	
Video Wall	Yes	
RJ-45 Port	Transmitter Encoder = 1 Receiver Decoder=2 (1 primary and 1 for Cascading to additional Receiver units)	
IR	Bi-directional	
Serial RS-232	Yes	
USB	Yes	
2 Ch Audio Out	Yes Note: Unit does not "down mix" multi channel audio to 2 ch.	
Aux Audio Inject	Yes. Allows user to insert secondary audio for intercom applications.	
Powering (PoE)	Pro DSX- TX , Pro DSX- RX can be powered by PoE Source conforming to IEEE 802.3af or IEEE 802.3at	
Powering(24-48DC)	24-48 VDC powering via locking DC jack DC Port : 1 Loop IN/Out Port : 1 . For power supply sharing with multiple Encoders or Receivers for clean and efficient installations.	
Link Distance CAT 5 over better	330ft. Extend beyond 330ft with Ethernet Repeater	

Customizable Matrix Control App (available for iOS, and Android Devices)

Model Numbers and Accessories

Model	Description	
PRO DSX- TX	Pro HD over LAN Video Encoder Transmitter	
PRO DSX- RX	Pro HD over LAN Video Decoder Receiver	
PRO DSX- 1RU Rack	1RU Rack Mount for Pro DSX-TX. Holds up to 2 Pro DSX –TX .	
PRO DSX -CS	Software Controller Software for video matrix, video wall setup and user control	
PRO DSX -APP	App Controller Software video matrix (iOS or Android) Customization provide upon request.	