# Video over LAN
## Simplify HD Video Installations

### EXTEND .DISTRIBUTE 1080P HD Video, 300 ft over LAN

Gigabit Ethernet Switch ( not included)
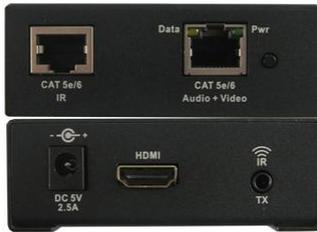
HDDSX-TX Transmitter

HDDSX-RX Receiver

The Octava HDDSX- digital video extender is a scalable HD video distribution solution enabling the design of multi display systems using standard Gigabit Ethernet LAN. The HDDSX simplifies installation of HD Video system by using available CAT 5e/6 cable and Gigabit Ethernet LAN switch. The HDDSX utilizes advanced MJPEG techniques and IP protocol to deliver 1080p video up to 300ft over standard CAT5e cable.
 Ideal for digital signage, house of worship, education, hospital applications requiring multiple displays over longer distances using existing LAN infrastructure.

### Features:
•Distributes HD video over 1 single CAT5e/6 cable up to 300ft
•Scalable design allowing multi display systems over Gigabit Ethernet LAN
•1 to 1 or 1 to many architecture
•Extend to Multiple displays using Gigabit Ethernet Switch.
•Supports 1080P.
•IR control can be carried on a second CAT 6 cable for point to point applications. (optional)
• Installation mounts included
•Simple to install, simple to expand. No complicated configurations necessary.

## Application 1- Multi Display system . 1 source to multiple displays
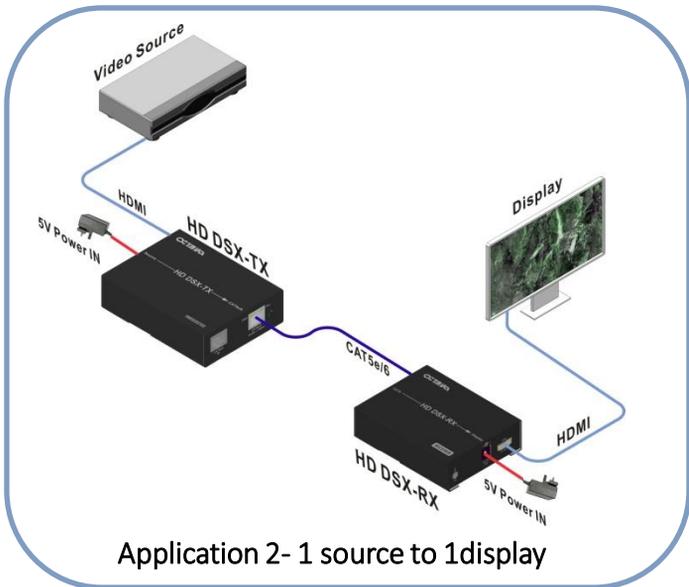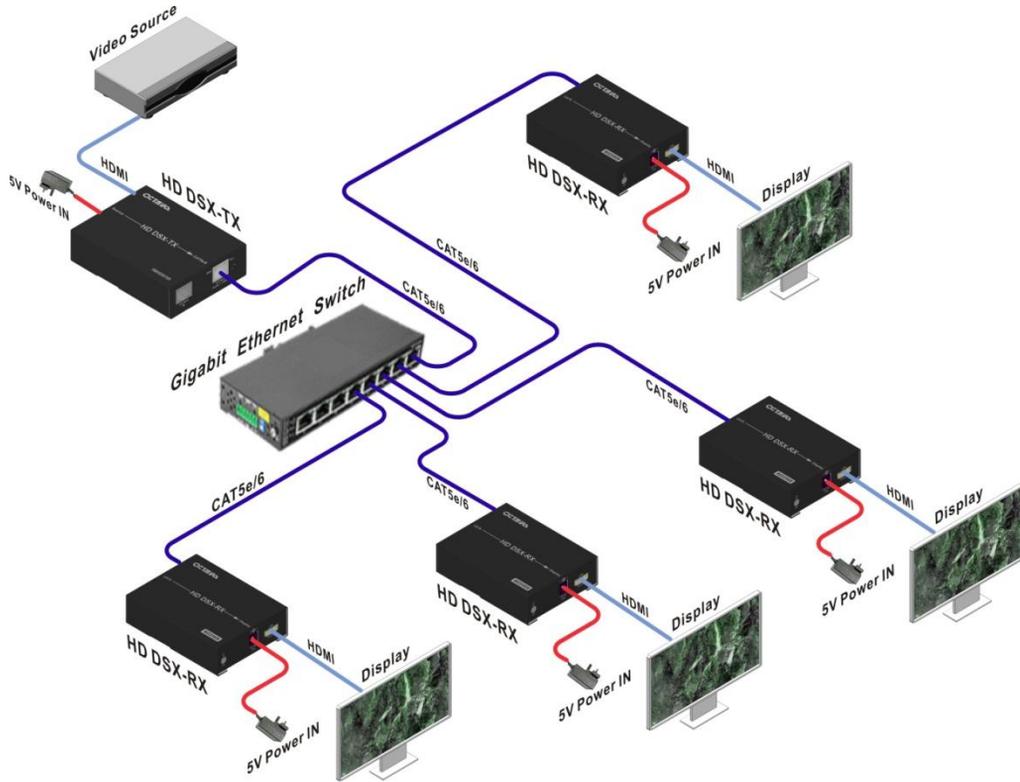


## Application 2- 1 source to 1display
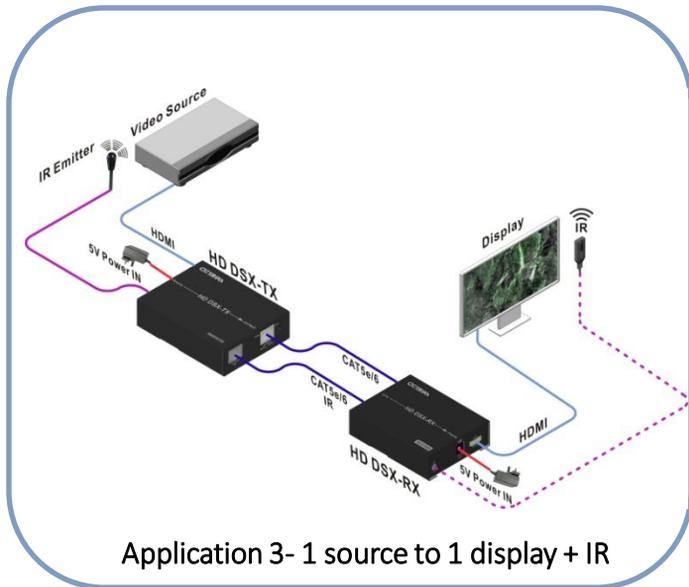
## Application 3- 1 source to 1 display + IR

| Parameter | Specifications |
|---|---|
| HDMI Inputs | 1 |
| HDMI Outputs | 1 |
| Link Distance CAT 6 Output | 300ft . CAT5e or CAT6 |
| Video Resolution | 480P , 576 i/p, 720P, 1080 i/P |
| Audio Support | 2 ch PCM audio |
| Infrared IR Port | IR Extension requires a 2$^{nd}$ CAT6 cable ( point to point only). See application 2 in the application diagram. |
| Dimensions | Transmitter Unit : 3.21 x 4.17 x 1.13 in -  8.15  x 10.6  x 2.87 cm ( W X D XH) <br> Receiver Unit :    3.21 x 4.17 x 1.13 in -  8.15  x 10.6  x 2.87 cm ( W X D XH) |
| Mounting Tabs | Included |
| Power Supply | 5 VDC included |