



# DS OpticVision

## Long range player-to-screen multimedia extension

- 30 km/ 19 miles range
- Supports WXGA (1366 x 768)
- Supports HDTV resolutions up to 1080i
- Stereo-audio
- 1 optical fiber single/multi-mode cable
- Easy set up
- No color pixel skewing
- 3 year warranty
- Use with Minicom's AVDS & DS Vision 3000 for optimal point to multi-point distribution

### Full multimedia extension and distribution

DS OpticVision is a long range optical fiber extender delivering high resolution video images and stereo-audio from player to plasma/LCD screens up to 30 kilometers (19 miles) away. The system comes fully plug-and-play and can be used either as a standalone extender, as a standalone distribution system, or in combination with Minicom's CATx-based distribution systems.

### Realize your digital signage potential

With DS OpticVision's comprehensive coverage, you can set up your media player kilometers from the display screens. Alternatively, install screens in new distant locations away from your main screen cluster. For dispersed installations, connect the system's receivers to Minicom's AVDS or DS Vision 3000 to give instant kilometers of transmission range for hundreds of screens and multiple screen clusters. Whatever the application, whatever the size catchment area, DS OpticVision lets you realize the full potential of your digital signage investment.

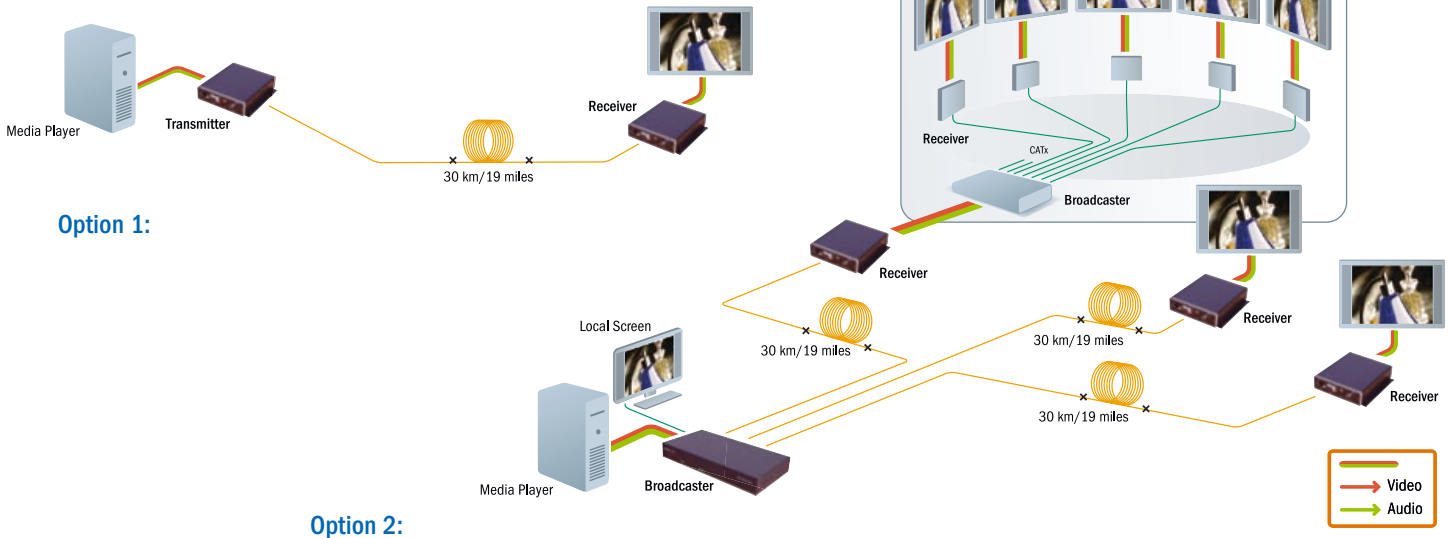
### All the advantages of optical fiber

DS OpticVision comes interchangeable with both single-mode and multi-mode optical fiber to suit your desired range. The system is based on the latest optical fiber technologies giving network-independent multimedia transmission without the worry of downtime. It's immunity to electrical interference also lets you install the system in any application environment.

### Lowest price per distance

Whether across university campuses and central business districts, or between airport terminals, train-stations, or office buildings, DS OpticVision promises the lowest price per distance, and will deliver your multimedia content, picture perfect, every time.

DS OpticVision Typical Application



Option 1:

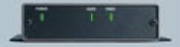
Option 2:

Technical Specifications

<b>System Components</b>	The DS OpticVision consists of the following components: Broadcaster; Extender (transmitter + receiver); Receiver
<b>Resolution</b>	Up to 1366x768 @ 60Hz Supports HDTV 480p, 720p, and 1080i (RGBVH format only)
<b>Input/Output Video Signals</b>	Analog signal red, green, blue p-p 75 Ohm
<b>Input Impedance</b>	RGB: 75 Ohms; H & V: Hi-Z
<b>Input Level</b>	RGB: 714 mV p-p; H & V: 3 to 5 V p-p
<b>H Sync Frequency Range</b>	15 to 60 kHz
<b>V Sync Frequency Range</b>	30 to 85 Hz
<b>Maximum Distance</b>	0.75km with MM/30km with SM (loss budget 0-15 dB)
<b>Audio</b>	Stereo, 2 unbalanced
<b>Sampling rate</b>	24bit
<b>Operating Wavelength</b>	1310nm MM or SM
<b>Optical Fiber</b>	Multimode 62.5/125 microns or 50/125 microns; Single-mode 8-10/125 microns
<b>Relative Humidity</b>	Up to 95% non-condensing
<b>Operating Temperature</b>	-20°C to 60°C / -4°F to 140°F
<b>LED indicators</b>	Power, Video, Audio
<b>Storage Temperature</b>	-20°C to 70°C / -4°F to 158°F
<b>Warranty</b>	3 Years

	Broadcaster	Line splitter	Remote
<b>Cables/Connectors</b>	VGA In - HDD15M VGA Local - HDD15F Stereo audio In/Out - Jack PL 3.5mm System Out - Optical: 4 ST LED's: Power, Video, Audio - Green	System Out - Optical: ST Video In - HDD15F Audio In - 3.5 Jack LED's: Power, Video, Audio - Green	System In - Optical: ST Video Out - HDD15F Audio Out - 3.5 Jack LED's: Power, Video, Audio - Green
<b>Dimensions</b>	44x254x425 / 1.75x10x16.75 mm / inch HxWxL Weight: 2.6kg/5.5lbs	30x127x135 / 1.2x5x5.3 mm / inch HxWxL Weight (with mounting): 284g/10oz	30x127x135 / 1.2x5x5.3 mm / inch HxWxL Weight (with mounting): 284g/10oz
<b>Power</b>	Internal Power 95 - 250VAC	External Adaptor 9 - 24VAC/VDC, 5 watts (max)	External Adaptor 9 - 24VAC/VDC, 5 watts (max)

OPTICAL FIBER



Transmitter/Receiver - Front



Transmitter/Receiver - Back



Broadcaster - Back

Ordering information

Description	Order No.
Broadcaster	OVS00003/R
Extender (Tx+Rx)	OVS00001/R
Receiver	OVS00002/R

Additional Audio/Video Display Solutions:

AVDS  
DS Vision 3000



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