

DS Vision® HDMI Quick Start Guide



1. Introduction

The DS Vision HDMI system extends High-Definition Multimedia Interface (HDMI) or Digital Visual Interface (DVI) signals to a distance of 60m/200ft over CAT5/6/7 cable.

Note! Tested with Belden 7989R CAT6 UTP cable.

DS Vision HDMI supports virtually all types of media players including computers with HDMI video cards, Blu-ray disk players and game consoles. Since DS Vision HDMI provides digital sound it is perfect for applications requiring top sound quality.

2. System components

The DS Vision HDMI system consists of the following components:

- Transmitter
- Receiver

3. DS Vision HDMI units

The figures below illustrate the two sides of the Transmitter.

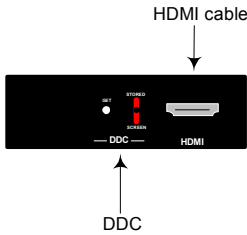


Figure 1 Transmitter – side 1

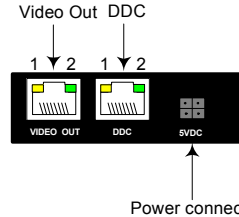


Figure 2 Transmitter – side 2

3.1. Transmitter LEDs

VIDEO OUT port	
LED	Indication when lit
1	DDC is from the screen. When LED not lit DDC is from stored
2	The Transmitter is connected to a powered player

DDC port	
LED	Indication when lit
1	The CATx cable from the Transmitter is connected to the Receiver and the Receiver is connected to a screen. Note that it does not indicate whether the screen is powered on or off.
2	Power

The figures below illustrate the two sides of Receiver.

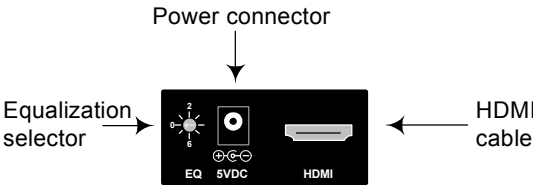


Figure 3 Receiver – side 1

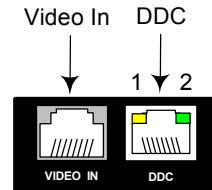


Figure 4 Receiver – side 2

3.2. Receiver LEDs

DDC connector	
LED	Indication when lit
1	The Receiver detects a video signal from the Transmitter
2	Power

4. Compatible cabling

DS Vision HDMI works with CAT5/5e/6/7 data cabling. For more information see the softcopy User Guide.

5. Pre-installation guidelines

Ensure that the player and the screens are compatible. Check that they work together before connecting the DS Vision HDMI system.

6. Connecting the DS Vision HDMI system

Connect the Video CAT5 cable as follows:

Connect a CAT5 cable up to 60m/200ft to the VIDEO OUT port of the Transmitter and the VIDEO IN port of the Receiver. See the figures below.

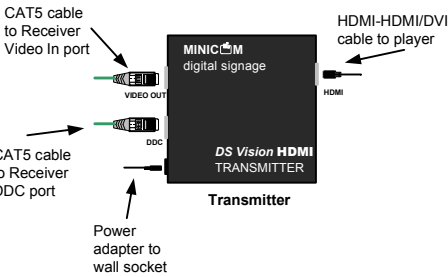


Figure 5 Transmitter connections

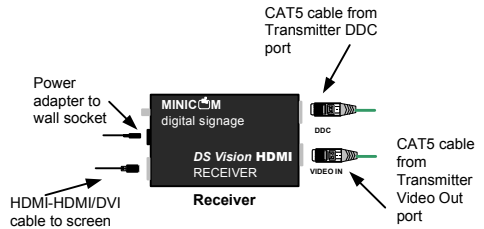


Figure 6 Receiver connections

6.1. Connecting the player and screen

HDMI extension

Connect the player to the Transmitter HDMI port using an HDMI cable.

Connect the screen to the Receiver HDMI port using an HDMI cable.

DVI extension

The DS Vision HDMI can be used to connect players and screens of HDMI or DVI ports, by using standard HDMI to DVI cables/adapters. HDMI players can be connected to DVI screens and vice versa. Note! In DVI extensions only video is transferred.

Connect the player to the Transmitter HDMI port using an HDMI to DVI cable/adaptor.

Connect the screen to the Receiver HDMI port using an HDMI to DVI cable/adaptor.

7. Connecting to the power supply

Connect the Transmitter and Receiver to the power supply with the 5VDC Power adapters provided.

Once connected, the system is ready to transmit the video and audio signals.

For the full User Guide go to the Support section of our website:

<http://www.minicomdigitalsignage.com/support/supportuserguides.htm>

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