

EX-SDI

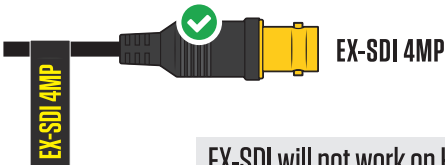


**This camera's default SDI video output is set to: EX-SDI 4MP*

4MP EX-SDI Compatibility

The EX-SDI 4 Megapixel camera image will only display on a **4MP EX-SDI DVR** or other EX-SDI 4MP device.

Use the **BLACK BNC connector for EX-SDI 4MP** Output (Green connector is analog).



ANALOG



See reverse side of sheet for Analog info

EX-SDI will not work on HD Analog only DVRs & Devices

4MP Distance

The camera is defaulted to **EX-SDI 4MP**, which is capable of transmitting video up to **800'** over RG59 coax cable.

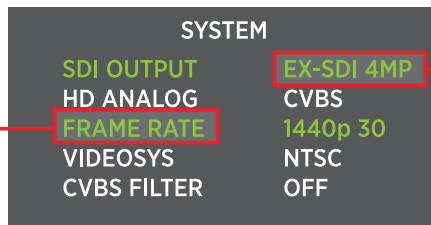
For greater distance change the SDI Output to a lower resolution (2MP).

SDI OUTPUT	DISTANCE	RESOLUTION
EX-SDI 4MP	800'	QHD - 1440p
EX-SDI 2.0	1,400'	FHD - 1080p
EX-SDI 1.0	800'	FHD - 1080p
HD-SDI	275'	FHD - 1080p

4MP SDI Output

To change the 4MP Output: Enter the OSD Menu of the camera, then access the SYSTEM Menu. Change the frame rate from **1440p 30** to **1080p 30**, then select the desired SDI Output (**EX-SDI 2.0**, **EX-SDI 1.0**, or **HD-SDI**).

Step 1:
Change Frame Rate



Step 2:
Change Output

If you need further help call Clinton Electronics Technical Support at 800-549-6393.

**Information in this document is subject to change without notice*

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HD ANALOG

**This camera's default Analog video output is set to: CVBS*

HD Analog Compatibility

While Analog (CVBS) and HD Analog (T_VI, C_VI, A_HD) share the same type of connectors, they're different signal types that are not compatible with each other.

Use the **GREEN BNC connector for Analog/HD Analog** Output (Black connector is EX-SDI).



HD Analog will not work on EX-SDI only DVRs & Devices

Because there are signal tuning variations between each HD Analog DVR manufacturer— we can not guarantee that the HD Analog output from the camera will display correctly with off-brand equipment.

HD Analog Distance

HD Analog signals degrade with long runs of cable. The image can appear washed out and lacking color saturation (black & white), for best results use EX-SDI.

HD Analog Output

Before changing the HD Analog output of the camera, check the compatibility of the DVR to ensure that it can accept the desired camera output. Selecting an incorrect HD Analog output from the camera can result in poor video quality or no video on the DVR.

To change the HD Analog Output: Enter the OSD Menu of the camera, then access the SYSTEM Menu. Select the desired HD Analog Output (**CVBS**, **A_HD**, **T_VI**, or **C_VI**).

Changing the HD Analog Output here also affects the analog test monitor outputs on the CE-REMOTE and the 2-pin test monitor connection located on the camera board.

SYSTEM	
SDI OUTPUT	EX-SDI 2.0
HD ANALOG	CVBS
FRAME RATE	1080p 30
VIDEOSYS	NTSC
CVBS FILTER	OFF

*CVBS / A_HD / T_VI / C_VI

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