



HD-D20 and HD-D20W

1080p High Definition CCTV Security Camera, HD-SDI, Indoor Dome



HD-D20W

HD-D20

The HD-D20 is a full **HD CCTV security** camera that uses **HD-SDI** CCTV technology capable of capturing exceptional video at **1080p (1920 x 1080) or 720p (1280 x 720) resolution**. The HD-D20 (black) or HD-D20W (white) is designed for indoor high definition video surveillance.

This HD security camera comes with a **4.3mm Lens** and supports **ZERO-light** night vision surveillance with **20 build-in Infrared LEDs**, which automatically turn on when light levels diminish.

Advanced "**On Screen Display**" (OSD) controls allow you to customize: *Light sensitivity, Color, exposure, white balance, Wide Dynamic Range (WDR), sharpness adjustments, and more.*

The HD-D20(W) camera can be mounted to either a ceiling or wall. We do offer an [optional CB-D20 wall mount](#) for further mounting customization. The Tri-Axis mount enable this camera to be angulated in whatever direction that requires monitoring. The HD-D20 camera comes with the 12V DC Power.

Features	
HD-SDI Technology	use only with HD-SDI compatible DVRs, such as Viewtron or HD Card
Camera Lens	4.3mm Fixed Lens
HD resolution	Switchable between 1080P (1920 x 1070) & 720P (1280 x 720)
TV Lines resolution	1000 TVL+
Minimum Illumination	0 LUX with IR on
Infrared Illumination	20 Infrared LEDs give D20/D20W nighttime visibility up to 80FT
Base Color	The HD-SDI Dome cameras come with either a BLACK or WHITE base
Install Options:	Tri-axis mounts for ceiling or wall installations.
Website Link:	For more information, <i>click here</i> HD-D20 or HD-D20W product pages.





CCTV Camera Pros

Video Surveillance Systems for Home, Business & Government

HD-BL40 Camera Specifications

Sensor	1/3 inch SONY CMOS
Total Pixels	2010 (H) X 1108 (V) = 2,227,080
Effective Pixels	1944 (H) X 1092 (V) = 2,122,648
Scanning System	Progressive
Signal to Noise Ratio	S/N (Y signal) is more than 52 dB (AGC Off)
Video Output	SMPT292M (HD-SDI) / CVBS: 1.0Vp-p (75ohm): Option)
Minimum Illumination	0 Lux at IR On
Electronic shutter speed	Auto (1/30sec ~ 1/60,000sec)
Brightness	Adjustable (0 ~ 20 STEP)
Smart IR	Dynamically adjust infrared light required for optimum illumination

OSD Menu (Advanced On Screen Display controls)

Exposure	SENS_UP : low light adjustment & noise reduction, Brightness : adjust levels to need, Shutter : Select Manual or Auto settings, Lens : (Iris Control) select DC or Manual, AE Mode : Select Indoor or Outdoor, AGC (auto gain control): Increase gain for brighter image (<i>and more noise</i>), FREQ (AC Power Frequency Set): Select either 50Hz or 60Hz.
White Balance	AWB (Auto White Balance): Select "Auto" for continuous auto adjusting, Chroma (Color Saturation).
Image	Sharpness (0 to 10), Mirror / Flip function, Freeze (video), D. Zoom (select from 0 to X112), Privacy (area masking), Shading (darkness compensation), HLM (High Light Masking), ACE (adaptive Color & Contrast Enhancement).
WDR / BLC	Wide Dynamic Range control, Backlight Compensation.
DNR	Adjust Digital Noise Reduction .
Day & Night	Control Color and B&W modes, MDIR (Motion Infrared activation).
Motion	Control "Motion" Resolution and Sensitivity.
Serial	Select and View " Camera ID ", On Camera "ID Display", Baud rate Control.
System (Configuration)	Scale (Full or Compressed image out), Gamma Set, Format (select 1080p or 720p), Frame (set output frame to 20 or 30 in 1080p, or 50 or 60 in 720p), Defect DET (control light to Lens), FCM Mode (Focusing mode).

ENVIRONMENTAL

Power Supply	DC 12V Only
Operating Temperature	-10°C to +50°C / 30°F to 80°F .
Storage Temp. Range	-20°C to +60°C / 20°F to 90°F.
Camera Dimensions	Width: 120mm (4.7 Inches), and height: 92.3mm (3.6 Inches).

