

# CCTV Camera Pros HD-BL40

*1080p HD Surveillance Camera, HD-SDI, Weatherproof Bullet Camera*



The HD-BL40 is a full **HD surveillance** camera that uses **HD-SDI** CCTV technology capable of capturing exceptional video at **1080p (1920 x 1080) or 720p (1280 x 720) resolution**. The BL40 is an indoor or outdoor surveillance camera enclosed in **weatherproof (IP68 rated)** bullet grey metal housing.

This HD security camera comes with a **4.3mm Lens** and supports **ZERO-light** night vision surveillance with **40 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 Tri-Axis mount makes this metallic grey camera easy to install to a ceiling or wall, and angulate to any directions you need to monitor. The HD-BL40 HD camera comes with the 12V DC Power.

Features	
HD-SDI Technology	<i>use only with HD-SDI compatible DVRs, such as <b>Viewtron</b> or HD Card</i>
Camera Lens	<b>4.3mm</b> Fixed Lens
HD resolution	Switchable between <b>1080P</b> (1920 x 1070) & <b>720P</b> (1280 x 720)
<b>TV Lines</b> resolution	<b>1000 TVL+</b>
Minimum Illumination	0 LUX with IR on
<b>Infrared</b> Illumination	<b>40 Infrared LEDs</b> give BL40 nighttime visibility up to 100FT
<b>Weatherproof</b>	<b>Weather Proof</b> (rating of <b>IP68</b> ).
Install Options:	Tri-axis mounts for ceiling or wall installations.
Website Link:	For more information, <a href="#">click here to visit <b>HD-BL40 product page</b></a> .



# CCTV Camera Pros

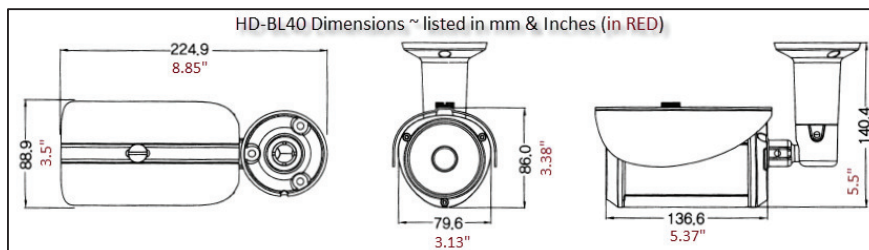
Video Surveillance Systems for Home, Business & Government

## 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	SMPTE292M (HD-SDI) / CVBS: 1.0Vp-p (75ohm)
Minimum Illumination	0 Lux at IR On
Electronic shutter speed	Auto (1/30sec ~ 1/30,000sec)
Brightness	Adjustable (0 ~ 20 STEP)
Smart IR	Dynamically adjust infrared light required for optimum illumination
<b>OSD Menu (Advanced On Screen Display controls)</b>	
Exposure	<b>SENS_UP</b> : low light adjustment & noise reduction, <b>Brightness</b> : adjust levels to need, <b>Shutter</b> : Select Manual or Auto settings, <b>Lens</b> : (Iris Control) select DC or Manual, <b>AE Mode</b> : Select Indoor or Outdoor, <b>AGC</b> (auto gain control): Increase gain for brighter image ( <i>and more noise</i> ), <b>FREQ</b> (AC Power Frequency Set): Select either 50Hz or 60Hz.
White Balance	<b>AWB</b> (Auto White Balance): Select "Auto" for continuous auto adjusting, <b>Chroma</b> (Color Saturation). <b>Sharpness</b> (0 to 10), <b>Mirror / Flip</b> function, <b>Freeze</b> (video), <b>D. Zoom</b> (select from 0 to X112), <b>Privacy</b> (area masking), <b>Shading</b> (darkness compensation), <b>HLM</b> (High Light Masking), <b>ACE</b> (adaptive Color & Contrast Enhancement).
Image	<b>Wide Dynamic Range</b> control, <b>Backlight</b> Compensation.
WDR / BLC	Adjust <b>Digital Noise Reduction</b> .
DNR	Control Color and B&W modes, <b>MDIR</b> (Motion Infrared activation).
Day & Night	Control "Motion" Resolution and Sensitivity.
Motion	Select and View " <b>Camera ID</b> ", On Camera "ID Display", <b>Baud rate</b> Control.
Serial	<b>Scale</b> (Full or Compressed image out), Gamma Set, <b>Format</b> (select 1080p or 720p), <b>Frame</b> (set output frame to 20 or 30 in 1080p, or 50 or 60 in 720p), <b>Defect DET</b> (control light to Lens), <b>FCM Mode</b> (Focusing mode).
System (Configuration)	

## ENVIRONMENTAL

Power Supply	DC 12V ±10% Only / DC12V·AC24V ±10% Dual Power (option).
Operating Temperature	-10°C to +50°C / <b>14°F to 122°F</b> .
Storage Temp. Range	-20°C to +60°C / -4°F to 140°F.
Camera Dimensions	Width: 79.6mm (3.13 Inches), and length: 136.6mm (5.37 Inches).



For information relating to video surveillance, please contact us, via email at [info@cctvcamerapros.net](mailto:info@cctvcamerapros.net), or by phone at 561-433-8488 / 888-849-2288; or visit our Website: [www.cctvcamerapros.com](http://www.cctvcamerapros.com)