

## HD-BX50 10x Zoom HD Security Camera

*With a Motorized 6~50mm Lens and AHD, TVI, & CVI Support*



The HD-BX50 is a 10x Zoom HD over coax security camera that supports AHD, HD-TVI, HDCVI, and analog CCTV video modes. This HD zoom box camera captures **high definition video surveillance at 1920 x 1080 resolution (2 megapixel)**. The HD-BX50 has a **10x optical zoom range using a 6 ~ 50mm lens**.

The HD-BX50 supports **UTC** (up the coax), which is an alternative to the old method of using RS-485 (This model does not support RS-485). UTC transmits the zoom controls over the same RG59 cable used for video (so there is no need to run an additional pair of cables). The tri-axis mounting bracket allows the installer to mount the camera to a wall or ceiling and adjust the angle of view in any direction.

For more information about the HD-BX50, please visit <https://www.cctvcamerapros.com/10x-Zoom-HD-Security-Camera-p/hd-bx50.htm>

**Important Note:** Although this camera supports Analog CCTV mode, CCTV Camera Pros does not recommend using the camera in this mode. The UTC function for zoom and OSD operations do not work in analog mode. Also, the video quality is not very good in analog mode. We do highly recommend using this camera in the 1080p AHD, 1080p HD-TVI, and 1080p HDCVI video modes that it supports.

### HD-BX50 Highlights

- **Uses RG59 Coaxial Cable** (The same as Analog systems)
- Zero video loss / delay on DVR, as the camera is directly wired
- High definition **1080P** (1920 x 1080) resolution
- Analog, **AHD, CVI, and TVI Supported**
- **OSD** (On Screen Display) for convenient setting adjustment
- **Tri-Axis mounting bracket** for wall or ceiling mount
- **10X Optical Zoom 6~50mm Motorized Varifocal Lens**



# CCTV Camera Pros

Video Surveillance Systems for Home, Business & Government

## HD-BX50 Specifications

|                       |   |
|-----------------------|---|
| Image Sensor          | 1/2.8" Sony CMOS Image Sensor   |
| Active Pixel          | 1920 (H) x 1080 (V)   |
| Resolution            | 1080P (1920 x 1080) @ 30 FPS / 1080P (1920 x 1080) @ 25 FPS   |
| Minimum Illumination  | 0.001 Lux (F=1.2)   |
| Scanning System       | Progressive   |
| Video Output          | AHD/TVI/CVI: 1080P / Analog: NTSC/PAL CVBS  |
| S/N Ratio             | More than 50dB (AGC Off)  |
| AGC                   | Off / 0 ~ 15  |
| Shutter Speed         | Auto/Manual (1/50(60) ~ 1/50,000 sec)   |
| SENS-UP               | Off / X2 ~ X30  |
| Brightness            | 0 ~ 100   |
| Backlight             | Off / BLC / HSBLC   |
| D-WDR                 | Off / 0 ~ 8   |
| Defog                 | Off / Auto  |
| Day / Night           | Auto / Color / B&W / External   |
| White Balance         | ATW / AWC / Indoor / Outdoor / Manual / AWB   |
| DNR                   | Off / Low / Middle / High   |
| Mirror                | Off / Mirror / V-Flip / Rotate  |
| Sharpness             | 0 ~ 10 Steps  |
| Privacy Mask          | 4 Masks   |
| Motion Detection      | On / Off  |
| Language              | English / Chinese / German / French / Italian / Spanish / Polish / Russian / Portuguese / Dutch / Turkish |
| Power Source          | DC12C $\pm$ 10%   |
| Power Consumption     | Max 2.5 Watts   |
| Operating Temperature | -10°C (14°F) to 50°C(122°F)   |
| Operating Humidity    | 10% ~ 85%   |
| Lens                  | 6 ~ 50mm Motorized Varifocal Lens   |
| Dimensions            | 106mm(4.17") (W) x 55mm(2.16") (H) x 61mm(2.40") (D)  |
| Weight                | 250 Grams / 8.8 Ounces  |