

**IR Bullet Camera  
w/ Motorized Lens**

**Standard Camera**

**HD-SDI Series Cameras**

Visionhitech is proud to offer a diverse line of Megapixel HD/FHD resolution cameras. Choose from Standard and armor dome configurations to fit your environment.

Compatible with any HDcctv DVR eliminates the issues common with IP cameras, like network complexities and proprietary standards. Perfect for users who want high definition video, with the simplicity of analog video systems. And it provides a secondary BNC NTSC monitor port for compatibility with Analog systems.

The HD-SDI Series makes an excellent solution where you need the sharpest image possible in simple, easy to support format.

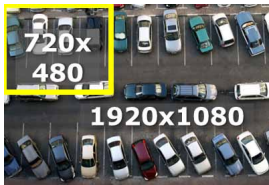


Available Features

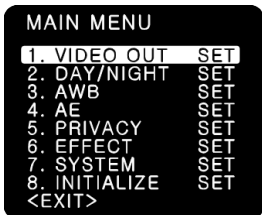
- Digital HDTV over Coaxial Cable, up to 300'
- Megapixel SONY CMOS Sensor for 720p or 1080p output
- Uncompressed high quality HD video with full frame rate
- Standard HD-SDI video interface compatible with HDcctv/HD-SDI DVRs
- Dual output - HD-SDI & Composite
- Privacy Masking with multiple Zones
- DNR (Digital Noise Reduction)
- DSS (Digital Slow Shutter)
- Optical Photo sensor for accurate Day/night switching
- RS485 & program buttons to control OSD
- IP66 rated, Vandal Resistant Design
- 3 axis optics module with 90 degree tilt



HDcctv is a new video standard developed expressly for the Video Surveillance market. It's designed to bring HDTV quality images into a simple, easy to install system that uses regular Coaxial cable. Visionhitech is a member of the HDcctv Alliance, and supports cross-compatibility with other like products.



The HD sensor provides nearly 6x the pixels of the best analog NTSC cameras for superior resolution. You'll have more detail which to zoom in and identify objects or people. Or increase coverage with a wider angle lens, or reduce the number of cameras!



Onboard buttons allow easily programming of the OSD. This allows fine tuning of image settings, as well as other display features like Privacy Masking & Camera Title. RS485 input allows remote access to menus, for the ultimate in post-installation convenience.



# HD-SDI Series Camera SPECIFICATIONS

<b>General Features:</b>	<b>Uncompressed high quality HD Video-Real Time without delay, Digital transmission over RG59 coaxial cable (up to 300' depending on cable specification), Extend cable distance by use of Repeater, Simultaneous HD-SDI and Composite Video , True Day/Night, 12VDC</b>
<b>Resolution/Frame Rate:</b>	<b>3MP/Full HD: 1920x1080 30/25fps, 1.3MP HD: 1280x720 60/50 fps</b>

## IR Bullet Cameras



Model	Resolution	Lens	IR Distance	IP Rating	Video Outputs	Features
VN7XFHD VN7XHD	FHD, 30/25fps HD, 60/50fps	VF 12x PWR Zoom	50m	IP67	Composite Video	Cable managed bracket, HD version w/ motorized zoom & focus. Intelligent IR

## Super Dome Cameras



Model	Resolution	Lens	IR Distance	IP Rating	Video Outputs	Features
VDA110FHD-DN VDA110HD-DN	FHD, 30/25fps HD, 60/50fps	3.6-16mm VF 3.6-16mm VF	N/A	IP66	Composite Video	3 Axis Gymbal, 90° Tilt, Vandal Resistant
VDA110FHD-IR VDA110HD-IR	FHD, 30/25fps HD, 60/50fps	3.6-16mm VF 3.6-16mm VF	50m	IP66	Composite Video	3 Axis Gymbal, 90° Tilt, Vandal Resistant, Intelligent IR

## Box IP Camera



Model	Resolution	Lens Mount	Video Outputs	Features
VC58FHD	FHD, 30/25fps	C/CS	Composite Video	Flange Back Focus, DC Iris connector
VC58HD	HD, 60/50fps	C/CS	Composite Video, S-Video, Component Video	Flange Back Focus, DC Iris connector

## HD-SDI Series Specifications

### Video

Image Sensor	1/3" Sony Progressive Scan CMOS
Effective Pixels	1329H x 1049V (720p NTSC Version) 2096(H) x 1561(V) (1080p NTSC Version)
Video Output	1920 x 1080P 60/50/30/25/59.94/29.97, FHD 1920x 1080i 60/50/59.94/, FHD 1280x 720P 60/50/30/25//59.94/29.97 , HD
Digital Video Output Format	1.45Gb/sec, HD-SDI Output (SMPTE 292M) (HD only) 97G/s, 3G-SDI Output (SMPTE 424M) (FHD Only)
Minimum Illumination	1.0 Lux with DSSX2 (F1.2, 30IRE, AGC On), FHD only) 0.5 Lux with DSSX2 (F1.2, 30IRE, AGC On, HD only)
Synchronization System	Internal
Electronic Shutter	1/30 default, (Long exposure mode ~1 sec)
Day/Night	True Day/Night w/ IR Cut Filter
Simultaneous Outputs	HD-SDI + Composite

### Connectors/Switches

Digital Video Output	BNC x 1, HD-SDI output
Composite Outputs	BNC x 1, 1.0Vpp, 75 ohm, composite video
Power	Screw Terminal Block

### OSD Features

Video Mode	SDI: 60P/50P (Or 30/25P) Video Select: CVBS/S-Video CVBS Output mode: NTSC/PAL
Day/Night mode	Programmable
White Balance	Programmable; ATW/Manual/User/Red/Blue
Auto Exposure	Iris mode: DC/Manual Brightness: 1-100 Flickerless: On/Off BLC: Center/Bottom/Left/Right, Level: 00-15 LSC (Lens Shading Correction): 0-50 AGC: Off/Low/Middle/High DSS: Off/2x
Privacy Modes	4 Zones Programmable
Effect	Color Adjust: RY, BY Sharpness: Enhancement, Coring level; 0-15 Reversal: Normal/Mir/Flip/Ver 2DNR: Edge/Intensity; 0-10
System	Cam ID: 0-255 ID Display: Up/Down/Right/Left Camera Name: Alphanumeric Name Display: On/Off Firmware: Version # 485: On/Off Baud Rate: 2400/4800/9600 Factory INIT: (reset)