

# 2MP Full HD IP Network Camera

1080p True Day/Night DTV Video Transmission For Video Surveillance

- IP Camera for security surveillance usage.
- Box Camera comes with standard top and bottom screw hole for choice of outdoor enclosure or indoor mount.
- Indoor and Outdoor use with enclosure.
- Color Processing: Automatic exposure, analog gain, digital gain, color balance, gamma correction, backlight compensation, IR low light switching.
- Interchangeable CS/C mounts lens for adjustable Field of View.



The SDHQ200BN is a IP Camera that transmit Internet Protocol Video Stream that is based on internet protocol network standards. SDHQ200BN is ONVIF compliant and can work with most ONVIF compliant NVR / VMS. This IP Camera uses a CMOS image sensor that provides HD1080p high picture quality video output under low illumination. The sensor features a pixel technology using diagonal 2.8  $\mu\text{m}$  square pixels, which has improved the signal-to-noise ratio. The combination of StarDot image processing and latest imaging sensor in SDHQ200BN provides a quality ambient lighting image for surveillance usage.

The box camera is designed with two (2) screw holes, at top and bottom of the the camera body. This allows the camera to be easily fitted into an enclosure. Camera and enclosure design solution creates an iconic deterrent to lower possible criminal activity.

## Key Features

- **2MP (1080p) DTV Box camera**
- **1/2.8" CMOS Imaging Sensor**
- **True day/night capability with built-in auto mechanical IR mechanism**
- **Include a C/CS mount with back focus ring**
- **Autoiris connector**
- **PoE and 12VDC power input**
- **30fps@1920x1080**

# TECHNICAL SPECIFICATIONS

Camera	
Models	SDHQ200B/BN
Image Sensor	1/2.8-inch CMOS sensor
Sensitivity Range	390nm to 940nm (800-940 IR illumination)
Day / Night	True Day/Night switchable IR cut filter
Minimum Illumination	Color : 0.5 lux@F1.2 / B/W : 0.2 lux@F1.2

Lens	
Mount Type	C / CS-mount (C-mount adapter not included)
Focus Control	Manual
Iris control	Autoiris connector available

Operational	
Encoder and Resolution / Frame Rate	H.264: 30 fps at 1920x1080 MPEG4: 30 fps at 1920x1080 MJPEG: 30 fps at 1920x1080 H.264 + MPEG-4 & JPEG Triple Codec Support Simultaneous multiple streams BNC connector for video output ; NTSC/PAL video output switch
Image Settings	Video Compression: H.264 (MPEG-4 Part 10/AVC), MPEG-4 and MJPEG configurable H.264 streams framerate / bitrate Adjustable image size Time/Date stamp and text overlay Brightness Contrast Color Saturation Sharpness White Balance Mode Exposure Backlight Compensation Mode Light Sync: 60hz / 50hz Analog Video Output: NTSC / PAL AGC / AWB / AES / BLC
Alarm and Event	Motion Detection 2 D/I & 1 D/O for external sensor and alarm Event Notification using SMTP or FTP
Users	8 max client concurrent connections multilevel user access control with password protection Supports online firmware upgrade

Environmental	
Operating Temperature / Humidity	Operating temperatures: 0° C (32° F) and 45° C (113° F) / Humidity: 90%

Electrical	
Input Voltage / Current	PoE and 12VDC
Power Consumption	5W

Network	
Interface	10/100 Mbps Ethernet, RJ45 connector
Supported Protocol	Internet Protocol - IPv4, TCP/IP, DHCP, HTTP, FTP, SMTP, RTSP, SNTIP, DNS
Supported Browser	Microsoft Internet Explorer 6.0 or above

General	
Connectors	Video Out - Network Video Output - Analog Autoiris connector 12VDC Power Input Ethernet PoE RS485 / Alarm
Approvals	CE, FCC, RoHS
Unit Dimensions	5.98"L (152mm) 2.75"W (70mm) 1.97"H (50mm)
Unit Weight	12 Ounces (345 grams)
Package Dimensions	7.5"L (190mm) 6"W (152mm) 2.8"H (70mm)
Package Weight	21.2 Ounces (600 grams)