1.3MP Full HD
Optical Zoom IP Network Camera

720p True Day/Night IP 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.

- 4.7 ~ 103mm 22X optical zoom with autofocus mechanism

The SDHQ130ZN is a IP Camera that transmit Internet Protocol Video Stream that is based on internet protocol network standards. SDHQ130ZN is ONVIF compliant and can work with most ONVIF compliant NVR / VMS. This IP Camera uses a CMOS image sensor that provides HD720p high picture quality video output under low illumination. The sensor features an pixel technology using diagonal 3 μm square pixels, which has improved the signal-to-noise ratio. The combination of StarDot image processing and latest imaging sensor in SDHQ130ZN 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

- **1.3MP (720p) DTV Box camera**
- **1/3" CMOS Imaging Sensor**
- **True day/night capability with built-in auto mechnical IR mechanism**
- **22X optical zoom with autofocus mechanism**
- **Compression: H.264, MPEG-4 & MJPEG Streaming: Triple Codec**
- **PoE and 12VDC power input**
- **30fps@1280x1024**

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TECHNICAL SPECIFICATIONS

Camera

Models	SDHQ130ZN
System	CPU:TI DM365 SoC / Flash ：32MB / RAM ：128MB
Image Sensor	1/3-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	Built-in 4.7-103mm 22x optical zoom F1.6
Focus Control	Auto fucus
Iris control	F1.6 Autoiris connector available

Operational

Encoder and Resolution / Frame Rate	H.264: 30 fps at 1280x1024 MPEG4: 30 fps at 1280x1024 MJPEG: 30 fps at 1280x1024 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 Line input (External Mic)
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 conccurent 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	Ineternet Protocol - IPv4,TCP/IP, DHCP, HTTP, FTP, SMTP, RTSP,SNTP,DNS
Supported Browser	Microsoft Internet Explorer 6.0 or above Safari, Chrome or Firefox (Install QuickTime Player)

General

Connectors	Video Out - Network Autoiris connector 12VDC Power Input Ethernet PoE RS485 / Alarm
Approvals	CE, FCC, RoHS
Unit Dimensions	5.47"L (139mm) 2.76"W (70mm) 2.76"H (70mm)
Unit Weight	17.3 Ounces (490 grams)
Package Dimensions	11.5"L (292mm) 8"W (203mm) 4.5"H (114mm)
Package Weight	32 Ounces (900 grams)

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