

MCLDC DTV Bullet Camera

1080p true day/night DTV video transmission for video surveillance.

- Digital Television Camera for security surveillance usage.
- Bullet camera is smaller in its physical size; ideal to be used in casino / retail store / restaurant, where monitoring devices should blend into the overall environment.
- Color Processing: Automatic exposure, analog gain, digital gain, color balance, gamma correction, backlight compensation, IR low light switching.
- Onboard physical 16 channel selector for pre-installation adjustment. No network knowledge required.



StarDot DTV Bullet Cameras are compatible with the MCLDC Four Channel Network Receiver (SDHMSRV4). The DTV Bullet Camera features a 1/2.5" image sensor, and has been engineered with StarDot's unequivocal color processing—for excellent image quality. DTV Bullet cameras are ideal for indoor and outdoor use, and include IRs for day/night operation. Because the bullet camera includes a varifocal lens, the field of view can be easily adjusted to capture the intended surveillance region. The 2 megapixel bullet camera also includes analog video out, which will allow the camera to be connected to an analog monitor for simple focusing. The Bullet Camera will transmit crystal clear HD video through 1000ft of standard RG59 coaxial cable. Up to 16 DTV cameras can be connected to a single coaxial cable. Either 12VDC or 24VAC power can be utilized, allowing for a simple and flexible install.

Key Features

- **Automatic Image Controls**
- **3.5-10mm Lens**
- **1/2.5" CMOS Imaging Sensor**
- **Reliable IR Mode Switching**
- **Trun Day / Night**
- **IR LED Illuminator**
- **Board Mount Lens**
- **12VDC / 12VAC Power**

TECHNICAL SPECIFICATIONS

Camera	
Models	SDHM200WN-W/B
Image Sensor	1/2.5-inch CMOS sensor
Sensitivity Range	390nm to 940nm (800-940 IR illumination)
Pixel Dynamic Range Utilization	40dB
Day / Night	True Day/Night switchable IR cut filter
Minimum Illumination	1.0 lux, 0 visible lux with IR illumination
Shutter Speed	1/48,000th second to .25 seconds

Lens	
Mount Type	Board lens - adjustable varifocal lens 3.5mm - 10mm
Focus Control	Manual

Operational	
Encoder and Resolution / Frame Rate	H.264 1920x1080 @ 30FPS H.264 1920x1080 24fps and H.264 720x480 fps (Dual stream)
Image Settings	Video Compression: H.264 (MPEG-4 Part 10/AVC) Configurable H.264 streams framerate / Bitrate Frame Rate Brightness Control Backlight compensation / WDR Mode Backlight compensation level Color Saturation Contrast Sharpness White Balance Mode Backlight Compensation Mode Light Sync: 60hz / 50hz Analog Video Output: NTSC / Pal Mirror Invert 30fps mode

Environmental	
Operating Temperature / Humidity	Operating temperatures: -25° C (-13° F) and 50° C (122° F)

Electrical	
Input Voltage / Current	12V DC or 24VAC
Power Consumption	5W

DTV		
Supported standards	DVB-T	
Control channel	RS-232	
Frequency settings	16 position channel selector	
Transmission distance	Up to 1000 meters with 5C2V or RG-6/U Coaxial Cables	
Channel Frequency Usage	Channel Frequency	Channel Selector Position
	00=177MHz	0
	01=189MHz	1
	02=201MHz	2
	03=213MHz	3
	04=225MHz	4
	05=237MHz	5
	06=249MHz	6
	07=261MHz	7
	08=273MHz	8
	09=363MHz	9
	10=375MHz	A
	11=387MHz	B
	12=399MHz	C
	13=411MHz	D
	14=423MHz	E
	15=473MHz	F

General	
Connectors	Dual BNC Connectors BNC1 - DTV RF Output BNC2 - Analog Video Output 12VDC/24VAC input
LED Indicators	System and DTV Signal LED indicators
Approvals	CE, FCC, RoHS
Unit Dimensions	6.9"L (175mm) 3.1"W (80mm) 6.9"H (175mm)
Unit Weight	15.2 Ounces (430 grams)
Package Dimensions	11.5"L (292mm) 8"W (203mm) 4.5"H (114mm)
Package Weight	48 Ounces (1361 grams)