

# Detec Full HD Box IP Camera with HD-SDI

*DTC-BZ20XP-SDI*

**1/2.8" CMOS, 20x optical zoom 4.7-94mm, IR cut filter, 1080p, 25/30fps, Two-way Audio, I/O, Micro SD slot, PoE/12VDC**



## Specifications

<b>Camera</b>	
Model	DTC-BZ20XP-SDI, 20x 2MP 1/2.8" COMS ICR Day/Night Network Zoom Camera
Image Sensor	1/2.8" Progressive Scan CMOS
Signal System	PAL/NSTC
Video Output	Network Encoding Output
Resolution, IP	50HZ: 25fps (1920×1080), 60HZ: 30fps (1920×1080) 50HZ: 25fps (1280×720), 60HZ: 30fps (1280×720)
Resolution, HD-SDI	50HZ: 25fps/50fps (1920×1080), 60HZ: 30fps/60fps (1920×1080)
Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON) B/W: 0.01Lux @ (F1.6, AGC ON)
S/N ratio	> 52dB (AGC OFF)
<b>Lens</b>	
Focal Length	4.7mm to 94mm, 20x optical
Aperture Range	F1.6 to F3.5
Angle of View	61.4° to 2.9° (Wide-Tele)
Min. Working Distance	10mm to 1500mm (Wide-Tele)
Zoom Speed	Approx. 2.7s (Optical, Wide-Tele)
Day & Night	ICR filter

<b>Function</b>	
Focus Mode	Auto/Manual/One Touch
Exposure Mode	Auto/Aperture Priority/Shutter Priority/Manual
Day & Night Mode	Auto/Color/BW/Scheduled-Switch/Triggered by Alarm Input
Shutter Time	1/1 sec to 1/30,000 sec
White Balance	Auto 1/Auto 2/Indoor/Outdoor/Manual/Sodium Lamp/Fluorescent Lamp
BLC	OFF, Left/Right, Up/Down or Center
Gain	16levels adjustable
Dead Pixel Compensation	Support
WDR	ON/OFF
DNR	3D DNR
Lens Initialization	Internal
Image Setting	Saturation, Brightness, Contrast, Sharpness adjustable
Digital Zoom	12×
<b>Network</b>	
Video Compression	H.264/MJPEG
Bitrate	32kbps to 12Mbps
Audio Compression	G.722.1, G.711-a law, G.711-u law, MP2L2, G.726
Network storage	Supports microSD memory card
Image Setting	Image parameters can be configured via client software or web browser
Alarm	Motion Detection, Tampering Alarm, Storage Full, Storage Exception, Audio Exception Detection, Line Crossing Detection, Intrusion Detection
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6 (SIP, SRTP optional)
Standard	ONVIF, PSIA, CGI, ISAPI
Outward Interface	Network Interface, RS485, Alarm In/Out, Line In/Out , HD-SDI (1080P@25fps/30fps/50fps/60fps)
Communication	RS485 Interface, Pelco Protocol
Security	Password Protection, Multiple User Access Control
Other	Double Streams, Heartbeat
<b>General</b>	
Power Supply	DC12V ±10% or PoE
Working Environment	Temperature: -10 °C to 60 °C (14°F to 140°F) Humidity: ≤90%
Power Consumption	Static: 2.5W Dynamic: 4.5W
Dimension	74.3mm×81.1mm×148.6mm (2.93"×3.19"×5.85")
Weight	350g (0.77lb)

## Dimensions

