PTZOPTICS ®

ZCam 20X

PTZ OPTICS
3G-SDI Box Camera

The PTZ Optics ZCam-20X is a 1080p box camera with 20X optical zoom for capturing HD video even at a distance. With support for 3G-SDI & IP Streaming, this camera is ideal for broadcasting high definition video signals for broadcast or video conferencing applications up to 1080p/60 resolution.

KEY FEATURES

- Panasonic 1/2.7" inch HD CMOS Sensor
- 3G-SDI High Definition Video Output
- H.264, H.265 & MJPEG IP streaming output (dual stream)
- AAC Audio Encoding over IP
- High performance in low illumination situations
- Full 1920x1080p HD Resolutions up to 60 frames per second
- 2D and 3D noise reduction with our latest "low noise CMOS sensor"
- Wide Dynamic Range
- Menu controls on back of camera
- RS485 and IP remote camera control
- 60.7° field of view
- Std 1/4-20 female thread for camera mounting (bottom)

WHAT'S IN THE BOX

20X Box Camera
Power Adapter
User Manual
3 Year Warranty

Camera & Lens

Video CMOS Sensor	1/2.7" CMOS, 2.07 Mega Pixels
Frame Rate	1080p/60/50/30/25, 1080i 60/50/30/25, 720p 60/50/30/25
Lens	F 4.42mm ~ 88.5mm, F1.8-F2.8
Lens Zoom	20x
Min Lux	0.05 Lux (F1.8, AGC ON)
Shutter Speed	1/25s - 1/10000s
SNR	≥55dB
Vertical Flip & Mirror	Supported
Horizontal Angle of View	3.4° (tele) - 60.7° (wide)
Vertical Angle of View	1.9° (tele) - 34.1° (wide)

Electrical Index

Power Supply	12W - 1A
Input Voltage	12V DC (10.8 - 13.0V DC)

Rear Board Connectors

Video Output Interface	3G-SDI, RJ45 IP Network
Communication Interface	RS485 VISCA, Pelco-D, Pelco-P
Baud Rate	2400/4800/9600 bits
Power Supply Interface	JEITA type Power Adapter (DC IN 12V)

Physical Specifications

Dimensions	2.4"W x 5.7"D x 3.0"H
Weight	1.4 lbs.
Box Dimensions	8.2"W x 6.3"D x 4.6"H
Box Weight	1.8 lbs.

PTZOptics®

Product Line

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PT12X-SDI-GY-G2	PT12X-SDI-WH-G2	1080p PTZ camera, 12X optical zoom, 3G-SDI, HDMI, IP Streaming
PT12X-USB-GY-G2	PT12X-USB-WH-G2	1080p PTZ camera, 12X optical zoom, USB3.0, HDMI, IP Streaming
PT20X-SDI-GY-G2	PT20X-SDI-WH-G2	1080p PTZ camera, 20X optical zoom, 3G-SDI, HDMI, IP Streaming
PT20X-USB-GY-G2	PT20X-USB-WH-G2	1080p PTZ camera, 20X optical zoom, USB3.0, HDMI, IP Streaming
PT20X-ZCAM-G2		1080p Box Camera, 20X optical zoom, 3G-SDI, IP Streaming
PTVL-ZCAM-G2		1080p Box Camera, Variable Lenses (4X included), 3G-SDI, IP Streaming

Control Accessories

PT-BRDCSTR-(L,E,P)	Remote PTZ Head for handheld-broadcast cameras (3 models)
DB9M-F-xx	Extension Cable, DB9M-F, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
VISCA-xx	Daisy Chain Cable, miniDIN8-MM, 4 lengths shown in ft. (xx=25, 50, 75, 100)
HDSDI-xx	3G SDI Cable, BNC-MM, Plenum, 4 lengths shown in ft. (xx=25, 50, 75, 100)
HC-JOY	RS232, RS485, RS422, 3D Joystick and Keyboard, VISCA, Pelco-P, Pelco-D
PT-JOY	IP control, 4D Joystick and Keyboard, Durable Metal Case

Mounting Accessories

HCM-1-BK	HCM-1-WH	Small Wall Mount, mounts directly to wall or box with supplied hardware
HCM-2-BK	HCM-2-WH	Large Wall Mount, mounts directly to wall or box with supplied hardware
HCM-1C-WH		Small Open Ceiling Mount, mounts to 1"NPT pipe
HCM-2C-WH		Large Open Base Ceiling Mount, mounts to 1"NPT pipe
PT-CM-1-BK		Surface Ceiling Mount, mounts directly to ceiling or box w/ suppl. hardware