ZOOMSHOT 20 SE

Full HD Video Camera

ZoomSHOT 20 SE AVBMP
999-69300-500 – Black
999-69300-500W – White

ZoomSHOT 20 SE QUSB System
999-69300-100 – Black
999-69300-100W – White

ZoomSHOT 20 SE QMini System
999-69300-400 – Black
999-69300-400W – White

FEATURES

- 20x powered zoom with 63° horizontal field of view
- Up to 1080p/60 HD image quality
- Power/Video/Control on two Cat-5's up to 150 ft (45.72 m)
- Manual Pan/Tilt with EZ Set tensioning system

999-69300-500

The ZoomSHOT 20 SE is a cost-effective, versatile, high-definition point-of-view camera well-suited for small, medium, and large rooms. It is designed to support a wide range of applications, including houses of worship, pro A/V system integration, live events, IMAG systems, UCC applications, videoconferencing, distance learning classrooms, and lecture capture. The camera captures with a full HD 1/2.8" Sony 1080p image sensor, 20x optical zoom, and 63° horizontal field of view. It also features a manual pan/tilt, an EZ Set tensioning system, and a presenter-friendly IR remote control.

The ZoomSHOT 20 SE AVBMP is easy to install and use. It can be connected directly to the EZ-POWER VIDEO and RS-232 jacks of the AV Bridge MATRIX PRO using category cables, providing HD video and serial control to the MATRIX PRO video switcher.

The ZoomSHOT 20 SE is a reliable and affordable solution for your video capture needs. Record a lecture, conduct a video conference, or capture live events with outstanding performance and quality. Versatile features, outputs, and ease of use, make this system an excellent choice.

Additional ZoomSHOT 20 SE systems are available. ZoomSHOT 20 SE QUSB System offers a variety of outputs, including simultaneous HDMI, component HD (YPbPr) and either USB 2.0 or IP Streaming. IP control of the ZoomSHOT camera is also available from the QUSB's web interface or telnet commands for a variety of control options. Quick-Connect USB Mini (Qmini) Interface outputs a USB 2.0 stream of up to 720p/30.

ZoomSHOT 20 SE is used only with the AV Bridge MATRIX PRO (sold separately) or a Quick-Connect system. It cannot be used as a stand-alone camera.

ZOOMSHOT 20 SE
AVBMP

Full HD Video Camera

TECHNICAL SPECIFICATIONS

	ZoomSHOT 20 SE AVBMP
IMAGE SENSOR	1/2.8 Exmor CMOS 2.16 Megapixel
VIDEO OUTPUT RESOLUTIONS	**HD:** 1080/60/59.94/50/30/25
	1080i/60/59.94/50
	720p/60/59.94/50
LENS/ FOCUS	20x Optical Zoom / Auto and Manual focus options
HORIZONTAL VIEWING ANGLE	63.2° Wide End to 3.5° Tele End
VIDEO S/N RATIO	>50 dB
CONTROL METHOD	RS-232 Serial Control
MANUAL PAN / TILT RANGE	**Pan:** Unlimited to service loop of cabling, yoke and base are mechanical only **Tilt:** ± 30° Invertible for Ceiling Mount
PRESET POSITIONS	16
TALLY LIGHT	Red LED available through RS-232 Control
CAMERA CONNECTORS	**Two (2) RJ-45 Jacks:** ▪ EZ-Power VIDEO RJ-45 Jack for use with Quick-Connect (Supplies power to the camera and returns differential HD video from the camera) ▪ RS-232 RJ-45 Jack (Serial Communication)
HD VIDEO SELECT	16-Position Rotary Switch: Used to set HD Video Resolution Output
CAMERA SETTINGS	6-Position Dip Switch: For IR Freq., Image Flip, Firmware Update Mode and Factory Reset 16-Position Rotary Switch for Output Resolution Settings
THIN PROFILE WALL MOUNT	535-2000-237 (included) Black powder coating, sized to fit on 1-gang wall box or with supplied drywall fasteners
USER CONTROLS	IR Shot Commander and RS-232 for control; on-screen display (OSD) for configuration
MATERIALS & WEIGHT	Aluminum & Steel
	Weight = 3.5 lbs. (1.25kg)
DIMENSIONS	**Tube:** 5.8" (76.2mm) Diameter x 3.5" (120.65mm)
	Base: 5.5" (139.7mm) Diameter
	Minimum height: 5.75" Maximum height: 7"

This Package Includes:
▪ ZoomSHOT 20 SE camera (black or white)
▪ Thin Profile Wall Mount (black or white) with mounting hardware
▪ Vaddio IR Shot Commander remote with 2x AAA batteries

ZOOMSHOT 20 SE
QUICK-CONNECT USB (QUSB) INTERFACE

Full HD Video Camera

TECHNICAL SPECIFICATIONS

	QUICK-CONNECT USB (QUSB) INTERFACE
VIDEO OUTPUTS	**USB 2.0 (MJPEG):** Resolution up to 720p/30 (USB 2.0 MJPEG)
	H.264 (IP) of Ethernet: Resolution up to 1080p/30 (H.264 over IP)
	Analog Component (YPbPr): Resolution up to 1080p/59.94
	HDMI: Resolution up to 1080p/59.94
USB INTERFACE	**Connector:** Type-B, USB 2.0 Compliant, Standard UVC (Universal Video Class) Drivers
NETWORK INTERFACE	**Connector:** RJ-45 (shielded), 10/100 Base-T, Supported Protocols: RTSP and HLS Streaming
STREAMING PROTOCOLS	**IP:** H.264 (RTSP and HLS), USB 2.0: MJPEG (UVC standard drivers)
CONNECTORS	**Power:** 5.5mm OD x 2.5mm ID Coaxial Connector
	YPbPr: DE-15 (15-pinHD) Female
	HDMI: HDMI Female
	RS-232 IN: RJ-45 Jack
	RS-232 OUT: RJ-45 Jack
	EZ-Power Video: RJ-45 Jack (Power and Differential HD Video)
DIP SWITCHES	**5-Position:** Color Space, Updating and Future Use
H.264 RESOLUTIONS	CIF, 640x480 (VGA)
	480p, 720p/30 1080p/30 (1080p Ethernet only)
FRONT PANEL	20 x 2 line Character Negative Mode LCD - Displays MAC (HW for Hardware) and IP Address Power/System Reset - Tactile, flush mount, Back-lit Switch **Network LED:** Indicates connectivity and activity USB LED: Indicates Streaming Mode
SUPPORTED MEDIA PLAYERS	Quick-Time Media Play - Win 7 & Mac OS10X VLC Media Player - Win 7 & Mac OS10X Real Player - Win 7
SUPPORTED BROWSERS	Internet Explorer, Safari, Safari/iOS, Chrome, and Firefox
POWER SUPPLY	24 VDC, 2.0 Amp
DIMENSIONS (H X W X D)	½-Rack Size - 8.375" (212.73mm) W x 6.0" (152.4mm) x 1.72" (43.7mm) H
WEIGHT	1.4 lbs. (0.64Kg)
ACCESSORY	Rack Mount Adapter: 998-6000-004 - 1-RU Offset mount (1-Long Ear & 1-Short Ear)
OPERATING TEMPERATURES	0°C to 40°C / 20% to 80% Relative Humidity

This Package Includes:

- ZoomSHOT 20 SE camera (black or white)
- Thin Profile Wall Mount (black or white) with mounting hardware
- Vaddio IR Shot Commander remote with 2x AAA batteries
- Quick-Connect USB Interface
- 24V power supply with AC cord set(s)

ZOOMSHOT 20 SE
QUICK-CONNECT USB MINI (QMINI) INTERFACE

Full HD Video Camera

TECHNICAL SPECIFICATIONS

	QUICK-CONNECT USB MINI (QMINI) INTERFACE
VIDEO OUTPUTS	**USB 2.0 (MJPEG):** Resolution up to 720p/30 (Limits of USB 2.0 with MJPEG Compression)
USB INTERFACE	**Connector:** Type-B, USB 2.0 Compliant, Standard UVC (Universal Video Class) Drivers
NETWORK INTERFACE	Ethernet over USB 2.0 only
STREAMING PROTOCOLS	USB 2.0, MJPEG (UVC standard drivers)
CONNECTORS	**Power:** 5.5mm OD x 2.5mm ID Coaxial **Connector RS-232 Port:** Shielded RJ-45 Jack **EZ-Power Video Port:** Shielded RJ-45 Jack (Power and Differential HD Video)
SUPPORTED MEDIA PLAYERS	Quick-Time Media Play - Win 7, Win 8.1, Win 10 & Mac OS10X VLC Media Player - Win 7, Win 8.1, Win 10 & Mac OS10X Real Player - Win 7, Win 8.1, Win 10
SUPPORTED BROWSERS	Microsoft® Internet Explorer®, Safari, Chrome, Firefox
POWER SUPPLY	24 VDC, 2.08 Amp
DIMENSIONS (H X W X D)	3.60" (91.4mm) H x 4.48" (113.8mm) W x 1.25" (31.75mm) D
WEIGHT	1.1 lbs. (0.5Kg)
ACCESSORIES	6' (1.83m) USB 2.0 Type-A Male to USB Type-B Male cable (included), 24 VDC, 2.08 Amp Switching Power Supply with AC Cord Set (included) Two (2) Cat-5 cables (not included - unknown length requirement)
OPERATING TEMPERATURES	0°C to 40°C / 20% to 80% Relative Humidity

This Package Includes:
- ZoomSHOT 20 SE camera (black or white)
- Thin Profile Wall Mount (black or white) with mounting hardware
- Vaddio IR Shot Commander remote with 2x AAA batteries
- Quick-Connect USB Mini Interface (QMini)
- 24V power supply with AC cord set(s)

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