

## RoboSHOT 20 UHD OneLINK HDMI PTZ Camera System **SKU: 999-9950-101B**



This system combines the RoboSHOT 20 UHD camera with the OneLINK HDMI Receiver for HDBaseT Cameras to extend power, video and control over a single cable for simple, tidy installation. Production-quality RoboSHOT 20 UHD provides brilliant 4K video footage for broadcasting or live streaming applications.

### Key Features:

- Back-illuminated 9.03 Megapixel, ultra high definition 1/2.3-type sensor delivers native 2160p/30 (3840 x 2160) video
- Horizontal field of view 74° (wide) to 4.8° (tele) at 20x
- Imaging and performance comparable to 3-chip cameras
- Precise pan and tilt movements from 0.35° to 120° per second
- Presenter-friendly IR remote control
- Administrative control via web interface
- Simple, clutter-free camera extension with HDBaseT technology
- Power, video and control over a single Cat-5e cable up to 230 ft. (70m), or over a Cat-6 cable up to 328 ft. (100m)

### **New! Vaddio Deployment Tool**

Simplify installations by viewing all your Vaddio products across a deployment on one screen with the simple click of a button. The Vaddio Deployment Tool enables you to select devices from the network, choose an action like rebooting the device, unmute the audio, or updating firmware and voilà! – remote troubleshooting success. You can even conduct mass firmware updates on hundreds of devices all at once, which saves you a lot of time.

Download the Deployment Tool >

Ultra HD (4K) PTZ camera with pristine image quality and outstanding low-light performance. Enterprise-class features include administrative control and remote operation via web interface and IP streaming. Designed for use in medium to large spaces this powerful UHD camera is perfect for higher education classrooms, corporate broadcasting and houses of worship.

Total zoom range of 20x: 12x optical zoom lens with seamless transition to 1.67x digital zoom. 1/2.3-type, high-speed, low noise, back-illuminated CMOS sensor with 9.03 total megapixels yields native UHD 2160p/30 (3840 x 2160) video images without scaling.

With a 74-degree wide horizontal field of view and built in CCU with browser configuration, the RoboSHOT 20 UHD provides great flexibility in a variety of applications including video production, live events, lecture capture, and conferencing.

The system's OneLINK HDMI Receiver for HDBaseT Cameras extends HD video, 100BaseT Ethernet, RS-232, and power up to 328 ft (100 m) on a single Cat-5e/6 cable.

**This Package Includes:**

- RoboSHOT 20 UHD PTZ camera (in silver/black, black or white)
- OneLINK HDMI Interface
- 12V power supply with AC cord set(s)
- 48V power supply with AC cord set(s)
- Thin Profile Wall Mount (black or white) with mounting hardware and installation manual
- Vaddio IR Remote Commander
- EZCamera RS-232 Control Adapter

# Specifications

## Dimensions & Measurements

Depth	Camera: 7.71" (19.6 cm) OneLINK: 6" (15.2 cm)
Distance	328 in (833.1 cm)
Height	Camera: 7.87" (20 cm) OneLK: 1.72" (4.37 cm)
Operating Temperature	32° to 104°F (0° to 40°C)
Product Weight	Camera: 6 lbs (2.7 kg) OneLINK HDMI: 1.55 lbs (0.7 kg)
Width	Camera: 8" (20.3 cm) OneLINK: 8.38" (21.3 cm)

## Characteristics & Features

3rd Party Control	<ul style="list-style-type: none"><li>• RS232</li><li>• Telnet</li></ul>
Browser-based User Interface for Remote Control	Built-in
Camera Type	PTZ
Color	Black
Compatible With	Vaddio
Control Method	<ul style="list-style-type: none"><li>• IR Remote</li><li>• Joystick</li><li>• RS232</li><li>• Telnet</li><li>• Web UI</li></ul>
Estimated Room Size	<ul style="list-style-type: none"><li>• Large Room</li><li>• Medium Room</li></ul>
Extension System	with OneLINK HDMI
Extension Type	Camera

Field of View	74° Wide End to 4.8° Tele End
Field of View Wide	Greater than 70
Focus System	<ul style="list-style-type: none"> <li>• Auto</li> <li>• Manual</li> </ul>
Gain	<ul style="list-style-type: none"> <li>• Auto</li> <li>• Manual</li> </ul>
Image Sensor Type	1/2.3 Exmor R CMOS
Invertible	Yes
Manufacturer	Vaddio
Max Resolution	2160p 30
Minimum Illumination	3 Lux (F1.8)
OneLINK Compatibility	Native
OneLINK HDMI adds	<ul style="list-style-type: none"> <li>• 328ft (100M) Power Video Control Extension</li> <li>• HDMI</li> </ul>
Output Ports	<ul style="list-style-type: none"> <li>• 3G SDI</li> <li>• HDMI</li> <li>• IP Streaming</li> </ul>
Pan and Tilt Range	<ul style="list-style-type: none"> <li>• Tilt: +90° to -30°</li> <li>• Pan: ±160°</li> </ul>
Pan and Tilt Speed	0.35°/sec - 120°/sec
Pixels	8.93 Megapixel
Power Cord	EU Cord, UK Cord
Power Supply	<ul style="list-style-type: none"> <li>• 1.36</li> <li>• 48VDC</li> </ul>
Power Type	OneLINK
Preset Positions	16 Custom Home Position
PTZ Motors	Silent BLDC Direct Drive Motors

Quick-Connect Compatibility	No
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Signal Type	<ul style="list-style-type: none"><li>• 3G SDI</li><li>• HDMI</li><li>• IP Streaming</li><li>• RS 232</li></ul>
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Solution Type	Camera with Extension
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Special Features	With OneLINK Extender
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TAA Compliant	Yes
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Tri-Sync Motion	Yes
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White Balance	<ul style="list-style-type: none"><li>• Auto</li><li>• Manual</li><li>• One Push</li></ul>
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Zoom	20x
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## Certifications & Warranties

Certifications	<ul style="list-style-type: none"><li>• CE</li><li>• FCC</li><li>• HDBaseT</li><li>• TAA</li><li>• UL Listed</li></ul>
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Warranty	3 years
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