

VADDIO™/CANON® BU-SERIES PTZ CAMERA BUNDLES

Canon BU-45H Outdoor PTZ Camera Canon BU-50H Indoor PTZ Camera

The Vaddio/Canon BU-Series PTZ Camera Bundles are built around broadcast-quality high definition pan/tilt/zoom camera systems. With three 1/3" CCD 1.67 mega-pixel sensors and a 20x optical zoom lens, the BU-Series cameras are an ideal choice for a wide range of high definition video applications.

When used with the supplied adapter systems, the cameras can be used in conjunction with either the Vaddio ProductionVIEW HD-SDI switcher or Precision Camera Controller. ProductionVIEW HD-SDI is a seamless HD/SD-SDI video switcher, with built-in joystick and preset/iris/focus camera control. Precision Camera Controller is a stand-alone joystick & preset camera controller, that allows the user to adjust color, pedestal, gain and iris functions on the cameras that are connected (see Figure 2).

Overall, the BU-Series PTZ cameras are superb for a wide range of high definition shooting applications, such as houses of worship, corporate boardrooms, live event production and distance-learning applications.



Figure 1:
Canon BU-45H Outdoor PTZ Camera (top)
and Canon BU-50H Indoor Camera (right)

WHAT'S INCLUDED

Vaddio/Canon BU-45H PTZ Camera Bundle

- Canon BU-45H Outdoor High Definition PTZ Camera (three 1/3" megapixel CCD sensors with 20x zoom lens)
- RS-422 to RS-232 Adapter
- EZCamera Control Adapters (RJ-45 to DB-9)
- 12VDC PowerRite™ Power Supply

Vaddio/Canon BU-50H PTZ Camera Bundle

- Canon BU-50H Indoor High Definition PTZ Camera (three 1/3" megapixel CCD sensors with 20x zoom lens)
- EZCamera Control Adapter (RJ-45 to DB-9)

CCD Megapixel Sensors

Each camera includes three, 1.67 megapixel CCDs for excellent low-light capability and exceptional video quality.

Gen Lock

The BU-Series cameras have a Gen Lock port for connecting the camera to broadcast video switchers.

Simultaneous SD Output

In addition to the HD-SDI output, both cameras offer an analog SD composite output, allowing the user to send the SD signal to a low-cost monitor.

Vaddio Compatibility

Both cameras are compatible with the Vaddio ProductionVIEW HD-SDI switcher and the Precision Camera Controller. Both Vaddio systems provide joystick control of the PTZ cameras, as well as focus and iris. Precision Camera Controller also allows the user to control red & blue gain as well as pedestal for easy color matching in multi-camera installations.

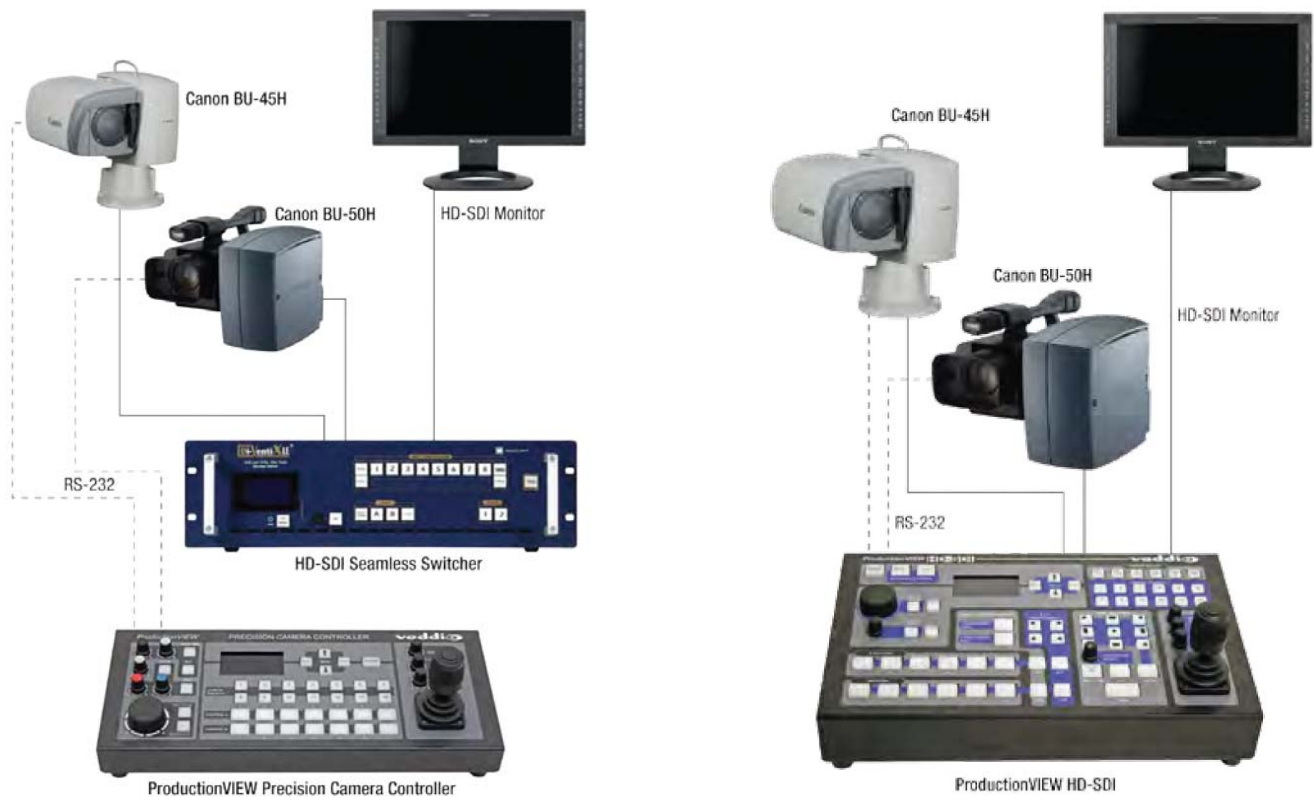
TECHNICAL FEATURES

20x Lens with Image Stabilization

The cameras incorporate a Canon broadcast quality, 20x optical zoom lens (4.5mm to 90mm) with an auto focus function. In addition, an optical Image Stabilizing System is provided for exceptional HD video.

SYSTEM CONNECTIVITY

Figure 2:
Basic connectivity of the BU-Series cameras with Precision Camera Controller and 3rd Party Switcher (left) and with ProductionVIEW HD-SDI (right).



TECHNICAL SPECIFICATIONS

Vaddio/Canon BU-Series HD PTZ Cameras	
BU-45H Part Numbers	Vaddio/Canon BU-45H Outdoor PTZ Camera Bundle 999-4100-000 (NTSC) Vaddio/Canon BU-45H Outdoor PTZ Camera Bundle 999-4100-001 (PAL)
BU-50H Part Numbers	Vaddio/Canon BU-50H Indoor PTZ Camera Bundle 999-4150-000 (NTSC) Vaddio/Canon BU-50H Indoor PTZ Camera Bundle 999-4150-001 (PAL)
<ul style="list-style-type: none"> Camera Specifications 	
Image Device	1/3" x 3 CCD
Total Picture Elements	1.6 Megapixels each
Signal System	1080/59.94i or 1080/50i (switchable)
Lens	20x Optical Zoom
Focal Length	f=4.5 to 90mm
Horizontal Viewing Angle	3.81 to 67.3 degrees
<ul style="list-style-type: none"> Pan/Tilt Mechanism 	
Power	BU-45H: 12 VDC BU-50H: 100 – 240VAC
Pan/Tilt Angle	BU-45H: -170 to +170 degrees (Pan), -50 to +30 degrees (Tilt) BU-50H: -150 to +150 degrees (Pan), -40 to +40 degrees (Tilt)
Control	BU-45H: RS-422 BU-50H: RS-232
Weight	BU-45H: Approx. 37.4 lbs. (17kg) BU-50H: Approx. 24.2 lbs. (11kg)