

Verio HD™ – Indoor 1080i and p Camera with HDMI, HD-SDI, & YPbPr Output

Features

- Remote-control HD studio camera with pan, tilt, and zoom
- Output: HD-SDI at 720p, 1080i, or 1080p, HDMI, YPbPr, or CVBS (Composite video)
- Control from a distance of up to 2,000 feet (610 meters) via RS-232 Serial interface
- Wireless remote control
- Optional keyboard with joystick
- 2.1 Megapixel HD CMOS sensor
- Built-in lens
- Pans and tilts at up to 80 degrees per second
- Compact size – only 8-1/2 inches wide (216 mm)
- Automatic or manual white balance and focus
- Optional keyboard/joystick lets you preset up to ten configurations

Applications

- Broadcast studios
- Videoconferencing
- Medical/Scientific Imaging
- Houses of worship
- Distance learning
- Corporate training

Compact, Inexpensive, Indoor, Remote-Control PTZ (Pan, Tilt, Zoom) HD Camera. Can be Controlled Remotely from a Distance of up to 2,000 Feet, or with Optional Keyboard/Joystick Controller. HD-SDI, HDMI, YPbPr, or CVBS (Composite) Output. Designed for Broadcast Studios, Videoconferencing, Distance Learning, Houses of Worship, and Corporate Training.



Overview

Verio HD™ is Viewbits' new compact indoor HD PTZ (pan, tilt, and zoom) camera system. The Verio HD brings an inexpensive full remote-operation HD camera to the market for studio use.

The smooth variable speed operation makes this camera perfect for remote studios, and the small size allows for HD installations previously thought impossible. The Verio HD outputs HD-SDI at 720p, 1080i, or 1080p and is controlled via RS-232. The optional keyboard/joystick enables complete control over the PTZ functions as well as presetting up to 10 shots, and with .01 ° accuracy you can be sure of the shots you call.

The Verio HD camera is ideal for a variety of indoor applications, including low-profile HD broadcasts, church cameras, distance learning, and even medical applications.

Specifications

Video Sensor:	1 / 2.5" HD CMOS sensor
Effective Pixels:	4:3 ratio – 390,000 pixels 16:9 ratio – 2.1 megapixels
Video Signal:	HD 1080i, 1080p/30; 720p/30; 720p/60
Lens:	10x optical, f=4.5-45.00 mm, F1.8-2.2
FOV:	5.4° (near) - 70° (far)
Minimum Illumination:	10 Lux
White Balance:	Auto/Sunlight/Cloudy/Shade/Fluorescent
Focus:	Auto/Manual
Iris:	Auto/Manual
Electronic Shutter:	Auto
Back light:	Auto
S/N Ratio:	>50 dB
Pan:	± 100°
Tilt:	± 30°
Manual Control Speed:	Pan: 0.5° - 80°/second Tilt: 0.5° - 80°/second
Preset Speed:	Pan: 80°/second Tilt: 80°/second
Presets:	Ten, user-defined
SD Output:	CVBS, 1Vp-p, 75H
HD Output:	HD-SDI, HDMI, YPbPr
Controller input:	8-pin mini-DIN
Controller Protocol:	Pelco P
Power Supply interface:	HEC3800 power jack
Dimensions (H x W x D):	5.6 x 8.5 x 5.5 inches 143 mm x 216 mm x 140 mm
Working Environment:	Indoor
Operating Temperature:	32° to 113° F 0° to 45° C
Storage Temperature:	14° to 140° F -10° to 60° C

Back Connectors



RS232 Control Port
CVBS
HD-SDI
HDMI
YPbPr

Optional Keyboard/Joystick



Ordering Information

Verio HD: HD studio video camera with remote control and HD-SDI, YPbPr, or CVBS (Composite) Output

Verio HD/JS: With optional keyboard/joystick