

## HCS-3316HDB HD Videoconferencing Camera



### Features

- Superb picture quality 5 megapixel HD COMS Sensor
- Video format compatible with multiple formats from NTSC/PAL to 1080p60 full HD
- Quiet, high-speed pan/tilt action
- DVI-I interface
- High-quality image transmission via the digital interface (HD-SDI)
- Built-in conversion lens for wide angle view (58.7 degrees)
- RS-485/422 and RS-232 serial control by VISCA/PELCO-D protocol
- 240x zoom ratio (20x optical + 12x digital)

HCS-3316HDB is equipped with a DVI-I interface designed to maximize high video quality displays and is capable of displaying both digital and analog signals (output is selectable from Y/Pb/Pr, HDMI, DVI-D, VGA, RGBHV and HD SDI etc.). It utilizes a direct drive motor mechanism for achieving high-speed, quiet and smooth P/T/Z operations. The camera covers a wide shooting range, with a pan angle of  $-150^{\circ}$  to  $+150^{\circ}$ , with a max pan speed of  $300^{\circ}/s$ , tilt angle of  $-30^{\circ}$  to  $+90^{\circ}$ , with a max tilt speed of  $125^{\circ}/s$ . Conference rooms everywhere are making the transition to HD and it makes this change effortless.

This unique camera employs a 1/2.7-type HD CMOS image sensor with five mega effective pixels and can be used in combination with any number of codecs and other systems to produce high-quality, high-resolution images. With its wide field of view, built-in 20x optical zoom lens, 16:9 aspect ratio video and high-speed, quiet pan/tilt operation, the camera can cover subjects across wider space with minimal disturbance. Combining convenient features such as auto focus/ auto exposure, 64-position presets, auto cruise, configurable scan mode, remote control, and external control by standard RS-485/232 interface, it is ideal for application including videoconferencing, distance learning, corporate training, etc.

### Technical Specifications

#### Electrical

Image sensor	1/2.7-type HD CMOS sensor
Effective pixels	Five mega
Signal system	HD: 1080p60, 1080p50, 1080p30, 1080p25, 1080i60, 1080i50, 720p60, 720p50, 720p30, 720p25 SD: NTSC, PAL
Video Output	HD-SDI, DVI-I, CVBS
Shutter speed	1/60 s - 1/10000 s (60Hz), 1/50 s - 1/10000 s (50Hz)
Lowest illumination	0.5 lux (50IRE, F1.6)
Horizontal viewing angle	58.7° (wide)
Lens	20x Optical + 12x digital
SNR	$\geq 50$ dB
Pan angle	$-150^{\circ}$ to $+150^{\circ}$
Tilt angle	$-30^{\circ}$ to $+90^{\circ}$
Pan speed	$0.1^{\circ}/s$ - $200^{\circ}/s$
Tilt speed	$0.1^{\circ}/s$ - $150^{\circ}/s$
Predefined position	64
Control protocol	PELCO-D, VISCA
Power supply	DC 12 V
Power consumption	$< 10$ W

#### Mechanical

Installation	Tabletop or ceiling-mounting
Weight	1.5 kg
Dimensions (h x w x d)	140 × 260 × 160 mm
Color	Black (PANTONE 419 C) / Silver (PANTONE 428 C)

### Ordering Information

HCS-3316HDB\_B.....HD Videoconferencing Camera (black)

HCS-3316HDB\_S.....HD Videoconferencing Camera (silver)



System Connection

