

G35B-HD Series

1080P60 Video Conference Camera

Full-HD video output up to 60 frames per second for the latest technology in video conference and education application. Multiple physical connector for max. compatibility with most video conference terminal. Silent drive mechanism ensures no disturbing during meetings.



Highlights

- Full-HD 1080P video signal output up to 60 frames per second.
- Integrated 20x optical zoom lens with automatic focus and exposure adjustment.
- Super-Silent motor drive design for precise and quiet pan-tilt operation.
- WDR, image noise reduction and other image enhancement functions.
- Embedded OSD Menu for user-friendly configuration and setup.
- Supports absolute / relative pan-tilt positioning, ideally for video object tracking control.
- DVI and 3G HD-SDI simultaneous video output.
- Supports YPbPr analogue HD and CVBS video simultaneous output
- Switchable HDCP support.

Optional accessory

KB3N
Keyboard Controller



Technical Data

Imager 1/2.8" Type Sony Exmor® CMOS Sensor, approx. 2 million effective pixels.

Optical characteristics 20x optical zoom lens with auto-focus function, 12 x digital zoom*. Horizontal FOV from 55.4° (wide) to 2.9° (tele-end). F= 4.7 - 94mm. Day/Night mode.

Video format 1080P, 50 / 60 FPS **, 1080P, 25 / 30 FPS, 1080i 50/60 FPS, 720P 50/60 FPS, (SMPTE 274/ 292). Composite video output with selectable PAL /NTSC signal format

Video output Simultaneous HD-SDI (up to 1080P60**), DVI-I (optional with DVI – HDMI converter cable), YPbPr analogue HD video output*, Composite video. Supports YUV/RGB color space selection.

Pan-tilt drive Pan range: 340° , 1.7 to 100° /Sec. Tilt range: 120° , 1.7 to 90° /Sec. Super-silent belt-based transition mechanism, supports absolute / relative positioning control. Precision up to 0.01°. 8Preset (VISCA®) / 32 Presets (Pelco D/P®)

Telemetric Visca® (D70/ D30), Pelco D/P (auto-recognition), Vido Factory.

Image enhancement AE, WB(ATW/AWB/Manual), BLC, WDR, DNR, Iris Control, Sharpness, Saturation, Hue, Flip, Mirror, Shutter control.

Interface HD-SDI (BNC), DVI-I (HDMI+YPbPr), CVBS (RCA), RS232C (Mini-DIN8 x2), RS485 (Phoenix), Power (Jeita type 4). Adjustable baud-rate for serial ports.

Configuration On-Screen-Display based menu for setting and camera configuration.

Remote controller 28 key IR remote controller included. Optional with multi-channel IR remote controller

Power DC12V, 12W . External power adaptor (110-220V AC to 12V DC) included

Operating 0° to 50°C, 0-85% RH (non-condensing)

Dimension 261mm x 162mm x 160mm, 2Kg

Compare Models	G35B-7300	G35B-D20	G35B-820
1080P 50/60 Mode	Supported	Supported	N.A
YPbPr HD output	Supported	N.A	Supported
Frame rate WDR-ON	60 FPS	60 FPS	15 FPS
Fog penetration	Supported	Supported	N.A
Super DNR	Supported	N.A	N.A
Auto Flicker-less	N.A	Supported	N.A
Digital Zoom	Supported	N.A	Supported