

TrueVixon100 Conference Camera

TrueVixon100 is a high quality and fast motorized videoconferencing camera, integrated design with Pan, Tilt and Zoom. The camera can be controlled by Infrared or through RS-232C/422 protocols remotely. The TrueVixon100 camera has a compact, easy to use structure with functions such as Auto Aperture, Auto Focusing, X 18 times optical zooming and wide angle.



Main Features

- Highlights

X 216 times zooming ratio (X18 times optical + X12 times) can fast position auto zooming to object.

- Wide Range Pan / Tilt

Pan: $\pm 170^\circ$

Pan Speed: $170^\circ/\text{s}$

Tilt: $-30^\circ \sim +90^\circ$

Vertical Speed: $90^\circ/\text{s}$

- Position Preset

6 preset positions available, customized preset is also supported.

- High Quality of Sony CCD Image Outcome

Integrated with Sony CCD High Resolution Technology, camera can perform an excellent low light sensitivity of less than 1 Lux.

- RS-232C/RS422 parallels control (VISCA)

Camera's PTZ features are remotely controllable via RS-232C cable (15 meters) and RS-422 cable (1,200 meters)

- Power Standby Mode

TrueVixon100 can switch between Standby and On modes. Energy saving, Standby can be woke up by any incoming call.

Technical Specifications

Model	TrueVixon100
Image Sensor	1/4" EXview HAD CCD
Effective Picture Elements	752 (H) X582 (V) 440K
Horizontal Resolution	PAL: 460TVL
Focal Length	f=4.1~73.8mm, F=1.4~3.0
Zoom Range	Optical X 18 times, Digital X 12 times
Angle of View (H)	2.7° (tele end)~48° (wide end)
Min. Object Distance	10mm (wide end), 800mm (tele end)
Min. Illumination	1 Lux (F1.4)
Auto Exposure	Auto, Back light compensation
Shutter Speed	1/10s~1/10,000s
Gain	Auto (-3~+28dB, 2dB progressive)
White Balance	Automatic
Video S/N	More than 50dB
Video Output	AV Composite, 1.0Vpp, S Video, Y 1.0Vpp, C 0.3Vpp
PAN	$\pm 170^\circ$ (max. speed: $100^\circ/\text{s}$)
TILT	$-30^\circ \sim 90^\circ$ (max. speed: $90^\circ/\text{s}$)
Preset Positions	6
Aperture Control	16 levels
Video Output	CVBS, Y/C
Camera Control	RS-232C (8-pin mini DIN) control (VISCA), RS-422 (5-pin) control (VISCA)
Power Requirements	DC 12V (DC 10.8~13.2V)
Power Consumption	12W
Operating Temperature	$0^\circ \sim 40^\circ$
Storage Temperature	$-20^\circ \sim +60^\circ$
Dimensions	132 (W)X144 (H)X144 (D) mm
Weight	950g
Unit Colour	Black