



Precision HD

Aurora II Series Camera System



Skytron's Precision HD Camera System provides dynamic, superb quality video for all Aurora II Series lightheads. Camera design permits **transport from room to room**, wherever Aurora II Series lightheads are available.

A **sterilizable or disposable cover** protects the camera and permits **sterile surgeon control** of surgical lighting depth of field and focus adjustments, while **retaining maximum intensity at any distance**.

Precision HD Camera Controller (front)



Precision HD Camera Controller (back)



Precision HD Camera Aurora II Series AUR7TV and AUR5TV

AURORA II Series AUR7TV and AUR5TV Handle Camera

The Precision HD Handle Camera System consists of an Aurora II lighthouse handle mounted, super compact HD Camera that delivers superb HD, high resolution images at 120X Zoom (10X Optical, 12X Digital) with a high speed, auto focus lens and flexible outputs for video conferencing, broadcasting and point -of -view (POV) applications. The Precision HD Camera and CCU can be moved from room to room for use with other Aurora II Handle Camera fixtures. Controls are provided for Camera Rotation, Iris Adjustment, Zoom, D Zoom, Focus, Auto Focus, Auto White Balance, One Push White Balance and Freeze. HD Analog Y/Pb/Pr, RGB, DVI-D outputs are available. Remote camera control from PC workstations is accomplished via the USB interface.

Specifications:

Image Sensor	1/3-type CMOS
Video Output	HD Analog Component: Y/Pb/Pr RGB. HD Digital Component: DVI
Picture Elements Resolution	Approximately 2,000,000 pixels 1080i (1920 X 1080) Analog 1080p (1920 X 1080) Digital
Aspect Ratio	HD 16:9
Lens	10X Optical Zoom f=5.1mm to 51.0mm (tele) F1.8 to F2.1
Zoom Ratio	10X – 120X (10X Optical, 12X Digital)
Horizontal Angle of View	50 degrees (wide) to 5.4 degrees (tele)
Min. Object Distance	10mm (wide) to 800mm (tele)
Iris	Automatic/Manual
Min. Sensitivity	12 lux (typical) (F1.8, 50 IRE)
S/N Ratio	More than 50 dB
White Balance	Auto, One Push
Focus	Automatic/Manual
Camera Rotation	Clockwise/Counterclockwise 360 Degrees Continuous
AE Control	Auto, Manual, Shutter Priority, Iris Priority, Bright, Spot AE
Outside Dimensions	12.7" w X 3.5" h X 7.5" d (320mm X 89 mm X 191 mm)
Weight	8 lbs. (3.6 kg)



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