Etkin

MEDICAL DEVICES

An Efficient View to Life for More Than Seeing

ETC MEDICAL CAMERA

Technical Specifications

Image Sensor	1/3-type CMOS (Progressive Scan)
Effective Number of Pixels	Approx. 4,080,000 pixels
Spot Diameter	11cm - 18cm
Signal System (HD)	1080p/60, 1080p/50, 1080p/30, 1080p/25,1080i/60, 1080i/50, 720p/60, 720p/50,720p/30, 720p/25
Minimum Illumination	0.5 lx (1/30sec, F1.8, 50%)
Recommended Illumination	100 lx to 100,000 lx
S/N Ratio	More than 50dB
Gain	Auto/Manual
Shutter Speed	1/1 to 1/10,000sec
Sync System	Internal
Exposure Compensation	-12dB to +12dB (Total 13 steps)
Backlight Compensation	ON/OFF
Gamma	Standard
Aperture Control	16 Steps
White Balance	ATW1 (Narrow), ATW2 (Wide), One Push, Manual (B, R)
AE (Auto exposure mode)	Auto, Manual, Priority mode (shutter/iris)
Lens	10x optical zoom
Zoom Mode	Standard/Variable/Direct
Zoom Movement Speed	1.4 sec
Focusing System	Auto,Manual,One Push,AF Sensivity
Horizontal Viewing Angle (Wide) to (Tele)	62 degrees to 6.5 degrees
Minimum Object Distance (Wide) to (Tele)	10mm to 800mm
Horizontal Resolution	800 TV Lines
Power Requirement	8V to 12V DC
Power Consumption	Approx. 3W
Operating Temperature	-5 °C to +°60C
Storage Temperature	40 °C to +°60C
Operating Humidity	20% to 80% (no condensation)
Storage Humidity	20% to 90% (no condensation)
Standard Definition Video	Yes
Digital Zoom	Yes
Distortion Correction	Yes
Motion Detection	Yes

Features

Full HD 1920-1080, 1/3 '' CMOS sensor, 10x optical zoom (160x with 16x digital),

3.3mm to 33.6mm focal length. VC (Vibration Compensation), Wide-D, Defog,

Noise Reduction (3D + 2D), Digital Output, Privacy Zone Masking, Slow Shutter,

Picture Effects (Black White), Picture Freeze, Electronic-Flip (E-Flip), Mirror Image,

Temperature Readout, Title Display, Camera Mode Display