

INDOOR RANGER **36X WDR**

Recessed Mount High Performance PTZ

432x Zoom - 530 Lines of Resolution



- The Indoor Ranger - 36X WDR employs Sony's Wide Dynamic Range technology to compensate for bright and low light situations.
- The Indoor Ranger - 36X WDR has a 36X Optical Zoom Lens (3.4 to 122.4mm) coupled with a 12X Digital Zoom that is integrated for seamless long distance viewing. This gives the Indoor Ranger - 36X a total zoom of 432X. (Digital Zoom feature can be turned off.)
- The Indoor Ranger-36X WDR features 360° continuous panning rotation at speeds up to 300°/second.
- At the heart of this incredible PTZ camera is a SONY Wide Dynamic Range Super HAD CCD that delivers 530 Lines of Resolution with amazing low light capabilities at 0.01 Lux.

Video	Model #: RPTZ-I-Ranger-36WDR
Optical Technology Base	1/4" -type EXview HAD CCD - WDR
Picture Elements (H x V in mm)	FCB-EX1010: Approx. 380K pixels FCB-EX1010PL: Approx. 440K pixels
Horizontal Resolution	NTSC: 530 TV Lines (Wide end) PAL: 530 TV Lines (Wide end)
Minimum Illumination	1.4 lux/1/60 sec (NTSC), 1/50 sec (PAL) (Typical Value) 0.1 lux/1/4 sec (NTSC), 1/3 sec (PAL) (Typical Value) ICR-ON Mode - 0.01 lux/1/4 sec (NTSC) 1/3 sec (PAL)
Recommended Illumination	100 to 100,000 lux
Lens	36X Zoom F=3.4mm (Wide) to 122.4mm (Tele), F1.6 to F4.5
S/N Ratio	50dB (weight on)
Electronic Shutter Speed	FCB-EX1010: 1/4 to 1/10000 sec. (20 steps) FCB-EX1010P: 1/3 to 1/10000 sec. (20 steps)
Digital Zoom	36X Optical 12X Digital = 432X Total Zoom
Focus	Auto/Manual
Minimum Working Distance	320mm (Wide end), 1500mm (Tele end)
Sync System	Internal/External (V-Lock)
White Balance	Auto, ATW, Indoor, Outdoor, One-push WB, Manual WB
Gain	Auto/Manual (-3 to 28dB, 16 steps)
Wide Dynamic	ON/OFF
Aperture control	16 Steps
Preset	6-Positions
Serial Interface	VISCA protocol (TTL/CMOS) 9.6 Kbps, 19.2 Kbps, 38.4 Kbps, Stop Bit, 1/2 bit
Video Output	VBS: 1.0 Vp-p (sync negative), Y/C Output
Backlight Compensation	On/Off

PTZ	
Pan Speed	0-300°/sec
Tilt Speed	0-120°/sec
Pan Range	360° continuously
Tilt Range	90° (180° w/ auto flip)
Presets	128 presets (total)
Communication	Multiprotocol, RS485
Operating Temperature	14 to 122°F
Power Requirements/Power Consumption	AC24V / 20VA
Power Consumption	
Motor Running	600mA
Standby	370mA
Fan Running	450mA

5327 Cedar Creek Drive • Kemp, Texas 75143
Toll Free: 866-301-CCTV
Phone: 903-498-3240
Fax: 903-498-8989
www.rugged-cctv.com

