

XHR 960H Smart Camera

Extreme High Resolution



WatchNET®

Integrated Digital Technologies



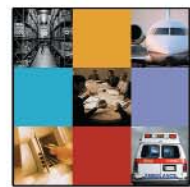
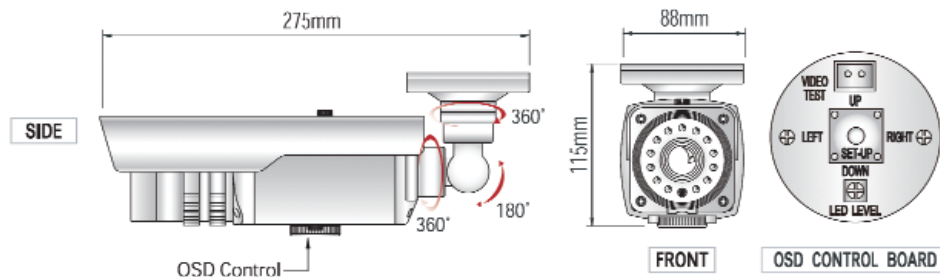
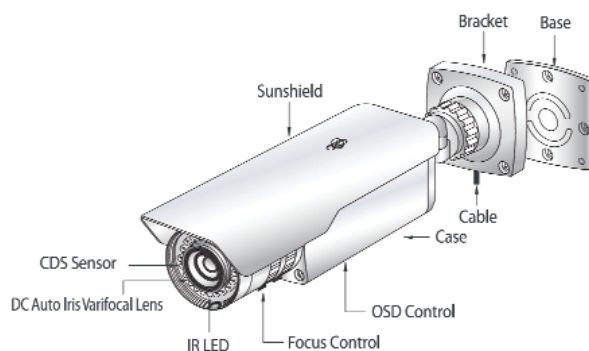
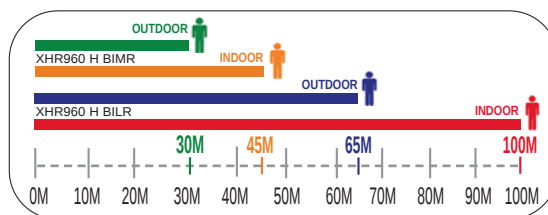
XHR 960H-BIMR / XHR 960H-BILR



960 H ULTRA HI RESOLUTION CAMERA with **ACE** (Adaptive Contrast Enhancement) 976(h) x 494(V) NTSC, 976(h) x 582(V) PAL

Features:

- ❖ 1/3" 960H Sony Exview HAD II CCD, 700TVL
- ❖ Rugged IP 66 rated weather proof IR camera
- ❖ 0.0003Lux / IR LED ON: 0.00003Lux
- ❖ 90° View Tri-Axis Mount
- ❖ Auto AWB / Auto BLC
- ❖ 3.5mm ~ 16mm Lens (XHR-960H BIMR)
- ❖ 5mm ~ 50mm Lens (XHR-960H BILR)
- ❖ DC 12V / AC 24V dual voltage
- ❖ 42 IR LEDs (Smart IR)
- ❖ A3D-DNR (Advanced 3D Digital Noise Reduction with no ghost effect)
- ❖ Built-in Next Generation 3D DNR with 3D Filter
- ❖ Max 70% of Disk Savings Effect with Super DNR
- ❖ Four user settable vivid color modes
- ❖ Convenient OSD Control Function
- ❖ Digital Wide Dynamic Range (D-WDR) Function
- ❖ Built-in EIS (Electronic Image Stabilization)
- ❖ **SENSEPIER III** Low light enhancement technology





1. Normal



2. D-WDR ON



1. Normal IR



2. Smart IR

SPECIFICATIONS	XHR 960H-BIMR	XHR 960H-BILR
Device Imaging	1/3" 960HSony Double Scan HAD II CCD	
TV System	NTSC, PAL	
Total Pixels	NTSC=1020(H)x508(V) / PAL=1020(H)x596(V)	
Effective Pixels	NTSC=976(H)x494(V) / PAL=976(H)x582(V)	
Scanning System	2:1 Interlace	
Synchronization	Internal / Line Lock (External Sync Input)	
Video Output	CVBS: 1.0Vp-p / 75Ω	
Effective Shutter Pixels	NTSC=(1/60sec~1/120,000sec) / PAL=(1/50sec ~1/120,000sec)	
Resolution	700 TV Lines	
S/N (Y signal)	More then 52dB	
Min. Illumination	0.0003Lux / IR LED ON: 0.00003Lux	
OSD	Available	
White Balance	ATW(1,700K ~ 11,000K) / Auto / AWC (One Push) / MANUAL	
3D DNR	OFF / LOW / MIDDLE / HIGH	
Sense-up	Auto (x2, x3 ~ x128) / Manual (x2, x3 ~ x512) / Off	
Gain Control	High, Middle, Low, Off Selectable	
BLC	BLC / HSBLC / OFF	
Day & Night	Day / Night / AUTO / Ext. D&N	
Privacy Masking	Rectangle (8 Zones) / Circle (2 Zones) / Polygon (2 Zones)	
Motion Detection	Smart MD / Regional MD	
Digital Zoom	x10	
LENS	Vary Focal 3.5mm ~ 16mm	Vary Focal 5mm ~ 50mm Lens
Power	DC 12V/AC24 dual voltage	
Power Consumption	IR LED ON 700mA Max	
LEDS	42 IR LEDS (Smart IR)	
Operating Temp./Humid.	-35°C ~ +50°C / -31°F~ +122°F RH 95% Max	
Dimension	88mm(W) x 115mm(H) x 275mm(D) / 3.5"(W) x 4.5"(H) x 10.8"(D)	
Weight	2.3kg / 5.07lb	

All logos & trade marks represent the registered users only. All rights reserved.
All product specifications on this brochure are subject to change without notice.

CANADA:
351 Ferrier Street, Unit 5
Markham, ON L3R 5Z2
Toll Free: 1-866-843-6865
Tel: 416-410-6865
Fax: 1-866-331-3341

USA:
700 Ensminger Rd. Suite 104
Tonawanda, NY 14150 USA
Toll Free: 1-866-843-6865
Local: 1-716-877-7277
Fax: 1-866-331-3341

Division of:
Videon
Digital Technologies Ltd.
info@watchnetdvr.com
www.watchnetdvr.com

INDIA:
C-48, DDA Shed, Ground Floor
Okhla Industrial Area, Phase I
New Delhi-110020
Tell: +91 11 26816005
Fax: +91 11 26816006

UAE:
P O Box No 126312
Dubai, UAE
Tel: + 971 4 3584458
Fax: + 971 4 3584458
Mobile : + 971 50 5869290