

HCO-E6070R/E6020R, HCD-E6070R/E6020R

1080p Analog HD IR Camera



HCO-E6070R

HCO-E6020R



HCD-E6070R

HCD-E6020R

Key Features

- Full HD (1920 x 1080) resolution
- B/W : 0Lux (Auto IR LED on)@F1.4 (E6070R) / F2.1 (E6020R)
- 2.8 ~ 12mm (4.3x) varifocal lens (E6070R), Built-in 3.6mm (E6020R)
- Day & Night (ICR), DWDR, Motion detection
- IR viewable length 20m (E6070R)
- IP66 (HCO-E6070R/E6020R)
- Transmission distance max.500m (5C-2V)

	HCO-E6070RN/E6020RN HCD-E6070RN/E6020RN	HCO-E6070RP/E6020RP HCD-E6070RP/E6020RP
VIDEO		
Imaging Device	1/2.7" 2M CMOS	
Total Pixels	1,952(H) x 1,092(V)	
Effective Pixels	1,920(H) x 1,080(V)	
Scanning System	Progressive scan	
Min. Illumination	0Lux (Auto IR LED on)	
S / N Ratio	52dB (AGC off)	
Video Output	BNC (AHD, CVBS Selectable) AHD : 30fps@1080p CVBS : 30fps@928 x 480	BNC(AHD, CVBS Selectable) AHD : 25fps@1080p CVBS : 25fps@928 x 576
LENS		
Focal Length (Zoom Ratio)	2.8 ~ 12mm (4.3x) varifocal (E6070R), 3.6mm fixed (E6020R)	
Max. Aperture Ratio	F1.4 (E6070R), F2.1 (E6020R)	
Angular Field of View	H : 98.6°(Wide) ~ 36.8°(Tele) / V : 53.1°(Wide) ~ 20.9°(Tele) / D : 115.2°(Wide) ~ 40°(Tele) (E6070R) H : 88.9° / V : 46.3° / D : 104.6° (E6020R)	
Min. Object Distance	0.5m (1.64ft)	
Focus Control	Manual (E6070R), Fixed (E6020R)	
OPERATIONAL		
On Screen Display	English, French, German, Spanish, Italian, Russian, Turkish, Portuguese	
Camera Title	Off / On (Displayed 15 characters)	
Day & Night	Auto (ICR)	
Backlight Compensation	Off / BLC / HLC	
Wide Dynamic Range	DWDR	
Digital Noise Reduction	2D/3D DNR	
Defog	Off / On	
Motion Detection	Off / On (4 zones)	
Privacy Masking	Off / On (4 zones)	
Gain Control	AGC	
White Balance	ATW / AWB / Outdoor / Indoor / Manual / AWC (1,800K ~ 10,500K*)	
Electronic Shutter Speed	AUTO / FLK / 1/50,000sec ~ 1/30sec / 2x ~ 30x	AUTO / FLK / 1/50,000sec ~ 1/25sec / 2x ~ 30x
Reverse	Off / Mirror / V-Flip / Rotate	
Protocol	ACP	
IR Distance	20m (65.62ft) (E6070R), 10m (32.81ft) (E6020R)	
Video Transmission Distance	300m (3C-2V), 500m (5C-2V)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH (HCO-E6070R/E6020R) -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH (HCD-E6070R/E6020R)	
Ingress Protection	IP66 (HCO-E6070R/E6020R)	
ELECTRICAL		
Input Voltage / Current	12V DC ±10%	
Power Consumption	Max. 5W (HCO-E6070R), Max. 3.8W (HCO-E6020R), Max. 3.8W (HCD-E6070R), Max. 4.4W (HCD-E6020R)	
MECHANICAL		
Color / Material	White / Metal (HCO-E6070R/E6020R), White / Plastic (HCD-E6070R/E6020R)	
Dimensions (WxHxD)	81.0 x 84.0 x 231.9mm (3.19" x 3.31" x 9.13") (HCO-E6070R) Ø69.3 x 140.0mm (Ø2.73" x 5.51") (HCO-E6020R) Ø145.0 x 115.0mm (Ø5.71" x 4.53") (HCD-E6070R) Ø100.0 x 89.6mm (Ø3.94" x 3.53") (HCD-E6020R)	
Weight	600g (1.32 lb) (HCO-E6070R), 312g (0.69 lb) (HCO-E6020R) 372g (0.82 lb) (HCD-E6070R), 184g (0.41 lb) (HCD-E6020R)	

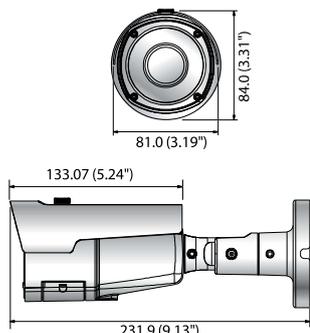
* The latest product information / specification can be found at hanwha-security.com

* Design and specifications are subject to change without notice.

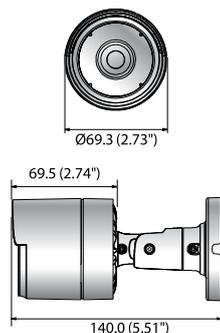
* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

Dimensions

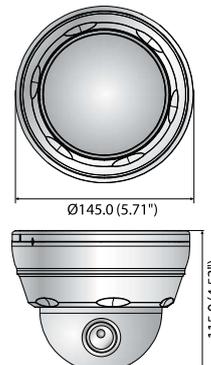
Unit : mm (inch)



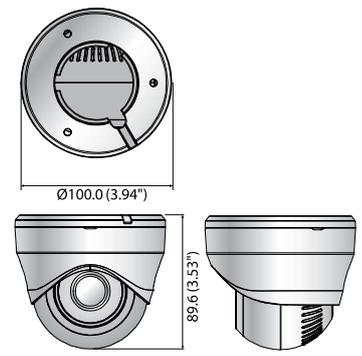
HCO-E6070R



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HCD-E6070R



HCD-E6020R