

# HCV-7010R/7020R/7030R

QHD (4MP) Analog Vandal-Resistant IR Dome Camera

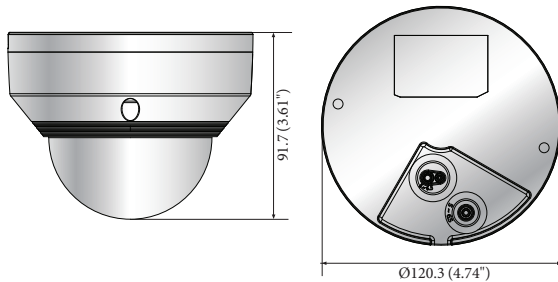


## Key Features

- QHD (2560 x 1440, 30fps) resolution
- 0.26 Lux@F1.8 (Color) (HCV-7010R), 0.27 Lux@F2.0 (Color) (HCV-7020R/7030R), 0 Lux (B/W : IR LED on)
- Built-in 2.8mm fixed lens (HCV-7010R)  
4.0mm fixed lens (HCV-7020R)  
6.0mm fixed lens (HCV-7030R)
- Day & Night (ICR), DWDR, Motion detection
- IR Viewable Length 20m (HCV-7010R), 25m (HCV-7020R), 30m (HCV-7030R)
- Transmission distance max.500m
- Easy installation (Plug & play), IP66, IK10 support

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



## HCV-7010R/7020R/7030RN/P

VIDEO	
Imaging Device	1/3" 4M CMOS
Total Pixels	2,720(H) x 1,536(V)
Effective Pixels	2,688(H) x 1,520(V)
Scanning System	Progressive Scan
Min. Illumination	Color : 0.26 Lux (F1.8) (HCV-7010R), 0.27 Lux (F2.0) (HCV-7020R/7030R) B/W : 0 Lux (IR LED on)
S / N Ratio	52dB (AGC off, Weight on)
Video Output	BNC (AHD), Additional CVBS for installation (2Pin connector type)
Resolution	2560 x 1440
Max. Framerate	30fps@4M   25fps@4M
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0° ~ 350° / 0° ~ 67° / 0° ~ 355°
LENS TYPE	
Focal Length (Zoom Ratio)	2.8mm fixed (HCV-7010R), 4.0mm fixed (HCV-7020R), 6.0mm fixed (HCV-7030R)
Max. Aperture Ratio	F1.8 (HCV-7010R), F2.0 (HCV-7020R/7030R)
Angular Field of View	H : 107.48° / V : 59.67° / D : 122.01° (HCV-7010R) H : 78.22° / V : 41.21° / D : 87.91° (HCV-7020R) H : 49.01° / V : 27.61° / D : 55.6° (HCV-7030R)
Min. Object Distance	0.5m (1.64ft)
Lens Type	Fixed
Mount Type	Board-in Type
OPERATIONAL	
On Screen Display	Multi-language Support (14) English, Spanish, French, Portuguese, German, Italian, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish
Day & Night	Auto (ICR) / Color / B/W
Backlight Compensation	Off / User BLC / HLC
Wide Dynamic Range	D-WDR (Off / On)
Digital Noise Reduction	2D DNR
Motion detection	Off / On (4 zones)
Privacy Masking	Off / On (2 zones rectangle)
Gain Control	Off / Low / Middle / High / Very High
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,800K ~ 10,500K*)
Electronic Shutter Speed	1/30sec ~ 1/12,000sec   1/25sec ~ 1/12,000sec
Reverse	Off / H-Rev / V-Rev
Remote Control Interface	Coaxial
Protocol	AHD : ACP (AHD Coax Protocol), CVBS : Pelco-C (Coaxitron)
IR Distance	20m (65.62ft) : HCV-7010R, 25m (82.02ft) : HCV-7020R 30m (98.43ft) : HCV-7030R
Video Transmission Distance	500m (5C2V Coaxial cable)
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -10°C (+14°F)
Ingress Protection	IP66
Vandal Resistance	IK10
ELECTRICAL	
Input Voltage	12V DC ±10%
Power Consumption	Max. 5.0W
MECHANICAL	
Color / Material	Ivory / Aluminum
Dimensions (WxH)	Ø120.3 x 91.7mm (Ø4.74" x 3.61")
Weight	510g (1.12lb)

\* The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)  
\* Design and specifications are subject to change without notice.