







HCD-6070R

1080p Analog HD IR Dome Camera











Key Features

- Full HD resolution
- 0.11 Lux@F1.6 (Color), 0 Lux (B/W: IR LED on)
- 3.2 ~ 10mm (3.1x) V/F lens
- Day & Night (ICR), WDR (120dB)
- SSNRIV, Motion detection
- IR viewable length 20m
- Transmission distance max.500m
- Easy Installation (Plug & play), Dual power

Compatible Accessories (Optional)













SHD-1198FW

SBP-300CM

SBP-120WM

SBP-300PM

SBP-300KM

SBP-300WM1

SBP-300LM















SBP-390WM2

SBP-300WM

SBP-300B

SBP-122HM

SBD-120GP

SHD-3000F2

SPB-IND6





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Specifications

Imaging Device	Video	
Max. Framerate 30fps / 25fps(60Hz / 50Hz) Min. Illumination Color: 0.11Lux(F1.6)(30IRE) BW: OLux(IR LED on) Video Out BNC(AHD / TVI / CVI / CVIS Selectable) Video Transmission Distance 500m(5C2V Coaxial Cable) Lens Focal Length (Zoom Ratio) Focal Length (Zoom Ratio) 3.2~10mm(3.1x) manual varifocal Max. Aperture Ratio F1.6 Angular Field of View H: 110.2°(Wide) ~ 32°(Tele) / V: 55.4°(Wide) ~ 18°(Tele) / D: 128.4°(Wide) ~ 36.6°(Tele) Min. Object Distance 0.5m(1.64ft) Focus Control Manual Lens Type DC auto iris Pan / Tilt / Rotate DC auto iris Pan / Tilt / Rotate Range 0° ~ 350° / 0° ~ 67° / 0° ~ 355° Operational Camera Title Camera Title Displayed up to 15 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR Wide Dynamic Range 120dB Digital Noise Reduction SSNRIV Defog Support Motion Detection 4ea Privacy Masking 8ea. rectangular zones	Imaging Device	1/2.8" 2MP CMOS
Min. Illumination Color: 0.11Lux(F1.6)(30IRE) BW: 0Lux(R LED on) Video Out BNC(AHD / TVI / CVI / CVBS Selectable) Video Transmission Distance 500m(5C2V Cosxial Cable) Lens Focal Length (Zoom Ratio) Max. Aperture Ratio F1.6 Angular Field of View H: 110.2"(Wide) ~ 32"(Tele) / V: 55.4"(Wide) ~ 18"(Tele) / D: 128.4"(Wide) ~ 36.6"(Tele) Min. Object Distance 0.5m(1.64ft) Focus Control Manual Lens Type DC auto iris Pan / Tilt / Rotate Pan / Tilt / Rotate Range O* ~ 350" / O* ~ 67" / O* ~ 355" Operational Camera Title Displayed up to 15 characters Day & Night Auto(ICR) Backlight Compensation BLC, HLC, WDR Wide Dynamic Range 120dB Digital Noise Reduction SSNRIV Defog Support Motion Detection 4ea Privacy Masking 8ea. rectangular zones Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12.000sec Video Rotation Alarm I/O MD output 1ea	Resolution	1920x1080
BW: OLuX(IR LED on) Video Out BNC(AHD / TVI / CVI / CVBS Selectable) Video Transmission Distance 500m(SC2V Coaxial Cable) Lens	Max. Framerate	30fps / 25fps(60Hz / 50Hz)
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Wide Dynamic Range 120dB Digital Noise Reduction SSNRIV Defog Support Motion Detection 4ea Privacy Masking 8ea, rectangular zones Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Day & Night	Auto(ICR)
Digital Noise ReductionSSNRIVDefogSupportMotion Detection4eaPrivacy Masking8ea, rectangular zonesGain ControlLow / Middle / High / Very HighWhite BalanceATW / AWC / Manual / Indoor / OutdoorElectronic Shutter Speed1 ~ 1/12,000secVideo RotationH-Rev / V-RevAnalyticsMotion detectionAlarm I/OMD output 1ea	Backlight Compensation	BLC, HLC, WDR
Defog Support Motion Detection 4ea Privacy Masking 8ea, rectangular zones Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Wide Dynamic Range	120dB
Motion Detection 4ea Privacy Masking 8ea, rectangular zones Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Digital Noise Reduction	SSNRIV
Privacy Masking 8ea, rectangular zones Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Defog	Support
Gain Control Low / Middle / High / Very High White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Motion Detection	4ea
White Balance ATW / AWC / Manual / Indoor / Outdoor Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Privacy Masking	8ea, rectangular zones
Electronic Shutter Speed 1 ~ 1/12,000sec Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	Gain Control	Low / Middle / High / Very High
Video Rotation H-Rev / V-Rev Analytics Motion detection Alarm I/O MD output 1ea	White Balance	ATW / AWC / Manual / Indoor / Outdoor
Analytics Motion detection Alarm I/O MD output 1ea	Electronic Shutter Speed	1 ~ 1/12,000sec
Alarm I/O MD output 1ea	Video Rotation	H-Rev / V-Rev
	Analytics	Motion detection
Alarm Triggers Analytics	Alarm I/O	MD output 1ea
	Alarm Triggers	Analytics
Alarm Events Alarm output	Alarm Events	Alarm output
IR Viewable Length 20m(65.62ft)	IR Viewable Length	20m(65.62ft)

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com. Hanwha Vision is formerly known as Hanwha Techwin.





Coaxial Protocol	ACP(AHD Coax Protocol), TCP(TVI Coax Protocol), CCP(CVI Coax Protocol)

CVBS: Pelco-C(Coaxitron)

Environmental & Electrical		
Operating Temperature / Humidity	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C} (+14^{\circ}\text{F} \sim +131^{\circ}\text{F}) / \text{Less than } 90\% \; \text{RH}$	
Input Voltage	24VAC, 12VDC	
Power Consumption	Max 4.2W	

Mechanical

Color / Material	Ivory / Plastic
Product Dimensions / Weight	Ø119.8x98.5mm(4.72x3.88"), 320g(0.71 lb)





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CAD Unit:mm [inch]

