

High Resolution IR CCD Smart Camera

# ACVK20S700

<b>SONY</b> ICX673AK +EFFIO-E	<b>700TVL</b> RESOLUTION	<b>0.00 LUX</b> LOW ILLUMINATION	<b>24 IR</b> LED	<b>IP66</b> ENCLOSURE	<b>SMART</b> DNR, WDR, ATR, HLC, OSD
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### Features:

IR camera with a horizontal resolution of 700 TV lines  
 1/3 inch Sony ICX673AK+Effio-E CCD Image Sensor  
 Visibility of 20m (high performance black IR LED)  
 0.00 Lux/F2.0 Illumination  
 DNR, WDR, ATR, HLC, OSD Smart Function

### Smart Functions:

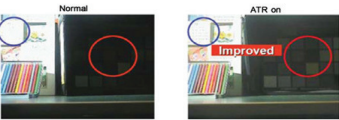
#### Digital Noise Reduction



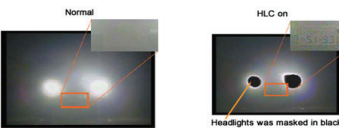
#### Wide Dynamic Range



#### Adaptive Tone-curve Reproduction



#### High Light Compensation



### Specifications

Model	ACVK20S700
<b>ELECTRICAL</b>	
Power Source	DC12V 500mA
<b>VIDEO</b>	
Image Sensor	1/3 inch Sony ICX673AK+Effio-E CCD Image Sensor
Scanning System	PAL: 625 Lines, 50 Field/Sec; NTSC: 525 Lines, 60 Field/Sec
Effective Pixels	PAL: 1020(H)×596(V), NTSC: 1020(H)×508(V)
Horizontal Resolution	700TV Lines
Minimum Illumination	0.001Lux/F2.0
S/N Ratio	≥65dB (AGC OFF)
Synchronization	Internal
IR Status	Under 10 Lux By CDS
Video Output	Composite Signal (1.0Vp-p, 75Ω)
Gamma Ratio	0.45
<b>LENS</b>	
Lens	Board Lens 3.6mm/F2.0 (Optional Lens 6/8/12/16mm )
IR Power On	CDS Auto Control
<b>OPERATIONAL</b>	
Electronic Shutter time	Auto: PAL 1/50-1/100,000Sec; NTSC 1/60-1/100,000Sec
White Balance	Auto
<b>ENVIRONMENTAL</b>	
Operation Temperature	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max
<b>MECHANICAL</b>	
IR LED	∅ 5X24PCS
IR Series Distance	20 Meters
Dimension	175(W) x124(H) x83(D)mm
Weight	830g

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