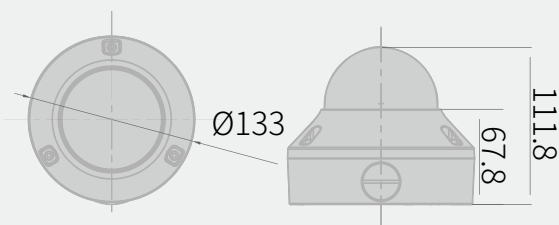


## AHD Camera

# KTC-AVN82V

- 1/2.8" 2.19MP Sony Progressive Scan CMOS
- 24 IR LEDs up to 20 m (66ft.)
- Varifocal Lens
- TDN, 3DNR, DSS, BLC
- IP68
- 12VDC / 24VAC/12VDC



# Features

## KTC-AVN82V

1/2.8" 2.19MP Sony Progressive Scan CMOS  
24 IR LEDs up to 20 m (66ft.)  
Varifocal Lens

TDN, 3DNR, DSS, BLC  
IP68  
12VDC / 24VAC/12VDC

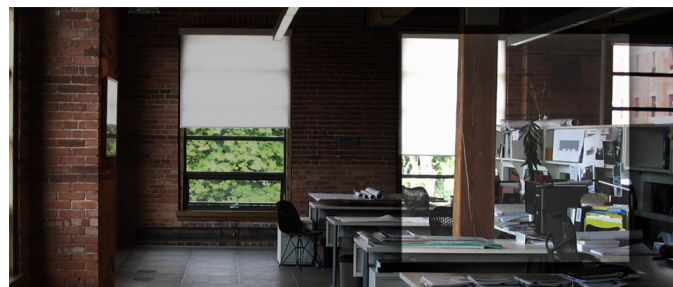
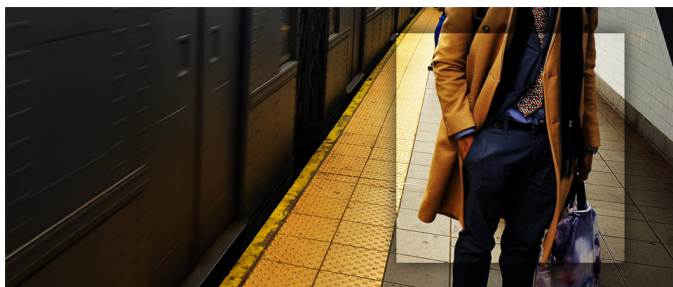


### TDN

True Day/Night feature can be used for precise color reproduction. With built-in dual filter system, as known as Infrared Cutoff Removal (ICR) mechanism, the infrared cutoff filter can be used at day time, or in bright lighting conditions, to provide enhanced image in full-color. At night time, or in harsh lighting conditions, it will be removed for greater light sensitivity in monochrome mode.

### 3DNR

DNR technology is crucial for surveillance camera. 3DNR works by analyzing the differences between successive frames in order to adjust pixels and improve.



### DSS

Digital Slow Shutter (DSS) technology enhances the low light performance of a camera, producing outstanding images in low light conditions. DSS slows the picture frame rate and increases the camera's sensitivity.

### BLC

BLC technology works by reducing the dynamic range of the entire image, while retaining the overall contrast. By compensating for unbalanced in a scene, detail is restored throughout the field of view so as to provide better visibility to identify an object of interest.



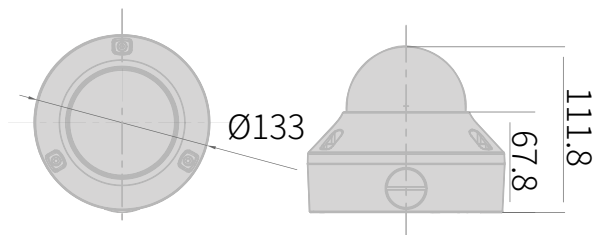
### IP68

Ingress Protection (IP) rating defines protection against solid objects and liquid on a 0-6 and 0-8 scale. IP68 housing means it's dust-tight and protected against the effects of permanent submersion in water.

AHD Camera

# KTC-AVN82V

## Dimensions



## Specifications

Image Sensor	1/2.8" Sony Progressive Scan CMOS
Effective Pixels	1984(H) x 1105(V), 2.19MP
Max. Video Resolution	1080p@30(25)fps / 720p@30(25)fps
Lens	f=2.8-12mm(F1.6/2Mpx.)
Min. Illumination (AGC Max)	0 Lux (with IR LED On)
Shutter Speed	Auto / Manual selectable 1/30(25), 1/60(50), FLK, 1/240(200), 1/480(400), 1/1000, 1/2000, 1/5000, 1/10000, 1/50000, X2, X4, X6, X8, X10, X15, X20, X25, X30
IR LED	24 LEDs (850 nm)
IR Distance	20 m (66 ft.)
Day / Night	True D/N with ICR Mechanism
White Balance	AWB/ATW/PUSH LOCK/INDOOR/OUTDOOR/MANUAL
Digital WDR	OFF/ ON(LEVEL)/ AUTO
BLC	OFF/ BLC/ HSBLC
2/ 3DNR	OFF / LOW / MIDDLE / HIGH
SENS-UP	OFF/ AUTO(X2, X4, X6, X8, X10, X15, X20, X25, X30)
AGC	0 ~ 15

Other Function(s)	FLIP(H/V/HV), Defog, FREEZE, SHARPNESS, LSC
Privacy Masking	4 Zones
Motion Detection	4 Zones
Transmission Distance	Color 300m@RG59 , BW 500m@RG59
Video Output	AHD/CVBS selectable(via OSD/Joystick control)
OSD Control	Built-in Controller External Control (UTC)
OSD Language	English, Korean, Japanese, Chinese, Russian, French, Spanish, Italian, Portuguese, Dutch, German, Polish, Turkish, Hebrew, Arabic
Housing Material	Aluminium (Bubble : Plastic)
IP Rating	IP68
Temperature	Operation: -10°C ~ 50°C (14°F ~ 122°F) Storage: -20°C ~ 60°C (-4°F ~ 140°F)
Max. Power Consumption	12VDC 240mA 24VAC 3.4W , 12VDC 300mA
Dimensions (W x H x D mm)	Bubble $\varnothing 80(3.15")$ , $\varnothing 133(5.24")$ x 111.8(4.4")
Weight	DC Only : Approx. 720 g (1.59 lbs) AC/DC Type : Approx. 740 g (1.63 lbs)

## Ordering Information

KTC-AVN82V (Not all combinations are possible)

Signal Type	Voltage	Silk Printing
AHD (NTSC)	12VDC Only	KT&C-printed
AHD (PAL)	Dual (24VAC/12VDC)	OEM-printed
		Non-printed

### Accessory for this product

KA-RCMP1	KA-RCTMA1
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