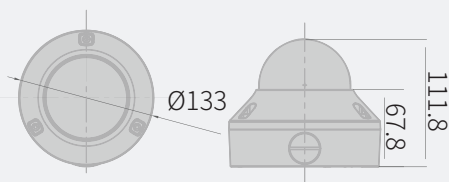


## HD-TVI Camera

# KTC-TVN82V

- 1/2.8" 2.19MP Progressive Scan CMOS
- 24 IR LEDs up to 20 m (66ft.)
- Varifocal Lens
- WDR, TDN, 3DNR, DSS, BLC
- IP68
- 12VDC Max. 290mA

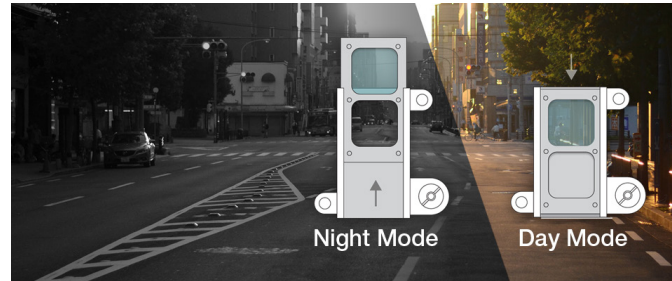
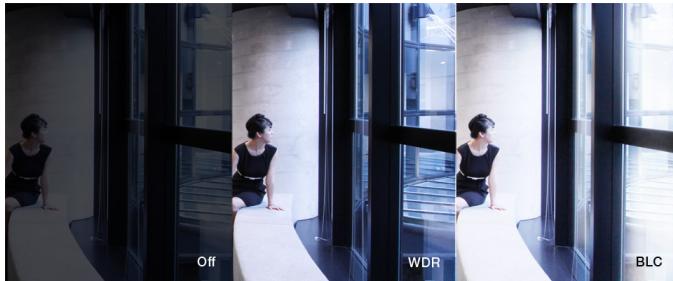


# Features

## KTC-TVN82V

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

WDR, TDN, 3DNR, DSS, BLC  
IP68  
12VDC Max. 290mA



### WDR

WDR technology helps to get detailed information in harsh lighting, by capturing alternate frames using different exposure times. The frame with longer exposure time captures details in darker parts of the scene, while the frame with shorter exposure time captures the brighter areas. The camera combines the optimal portions of these two complementary frames to produce the most detailed image possible.

### TDN

True Day/Night feature can be used for precise color reproduction. With built-in dual filter system, as known as Infrared Cutfilter Removal (ICR) mechanism, the infrared cutfilter 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.

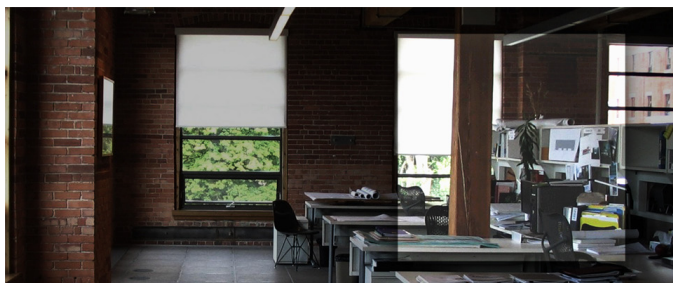


### 3DNR

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.



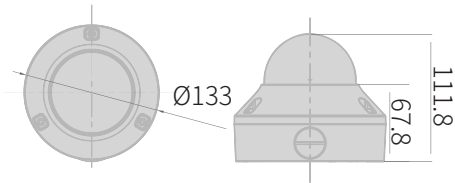
### IP68

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.

HD-TVI Camera

# KTC-TVN82V

## Dimensions



## Specifications

Image Sensor	1/2.8" 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 (2MP)
FOV	f=2.8-12mm (109.4°-37.8°(D))
F-Stop	f=2.8-12mm (F1.6)
Min. Illumination (AGC Max)	0 Lux (with IR LED On)
Shutter Speed	1/30(1/25) s - 1/30,000 s
IR LED	24 LEDs (850 nm)
IR Distance	20 m (66 ft.)
Day / Night	True D/N
White Balance	Auto / Push Lock / Manual
Digital Zoom Ratio	1x - 8x
WDR	WDR
BLC	Off / BLC / HLC
DNR	3DNR
DSS	Off ~ 16x
AGC	Off ~ 42dB

Other Function(s)	MIRROR/BRIGHTNESS/SHARPNESS / Defog
Privacy Masking	8 zones
Motion Detection	Yes
Transmission Distance	500 m
Video Output (Main)	HD-TVI
Video Output (Service)	CVBS
OSD Control	Built-in Controller External Control (TVI-UTC)
OSD Language	ENGLISH / SPANISH / RUSSIAN / GERMAN / PORTUGUESE / FRENCH / JAPANESE
Housing Material	Aluminium (Bubble : Plastic)
IP Rating	IP68
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Max. Power Consumption	12VDC 290mA 24VAC 4W / 12VDC 350mA
Dimensions (W x H x D mm)	(Bubble Ø80) Ø133 x 111.8
Weight	DC Only : Approx. 720 g (1.58 lbs) AC/DC Type : Approx. 740 g (1.63 lbs)

## Ordering Information

KTC-TVN82V (Not all combinations are possible)

Signal Type	Voltage	Video Cable	Silk Printing
NTSC	12VDC Only	BNC	KT&C-printed
PAL	Dual (24VAC/12VDC)	Terminal Block	OEM-printed
			Non-printed

Accessory for this product

KA-RCMP1	KA-RCTMA1
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