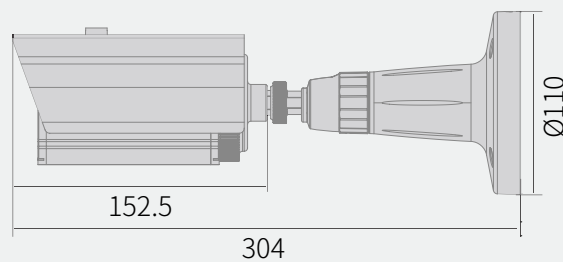
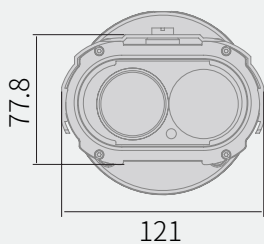


## HD-TVI Camera

# KTC-TZN102

- 1/2.9" 2.19MP Progressive Scan CMOS
- Min. Illumination of 1 Lux
- 10x AF Optical Zoom Lens
- WDR, TDN, 3DNR, DSS, BLC
- IP66



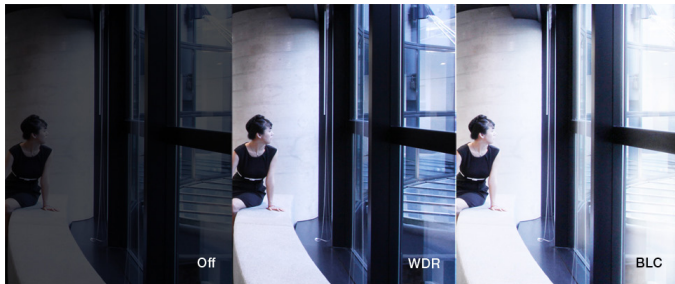
# Features



## KTC-TZN102

1/2.9" 2.19MP Progressive Scan CMOS  
Min. Illumination of 1 Lux  
10x AF Optical Zoom Lens

WDR, TDN, 3DNR, DSS, BLC  
IP66

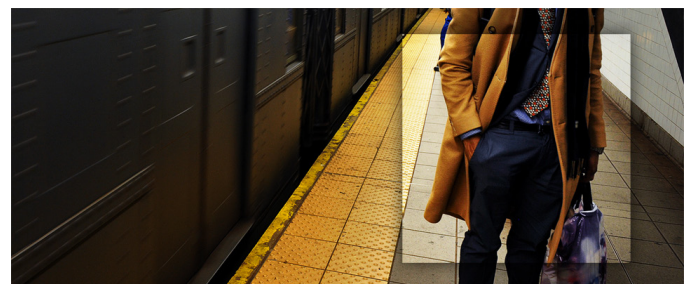


### WDR

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 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.

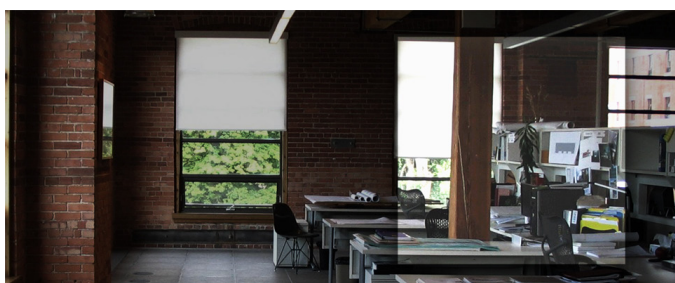


### 3DNR

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

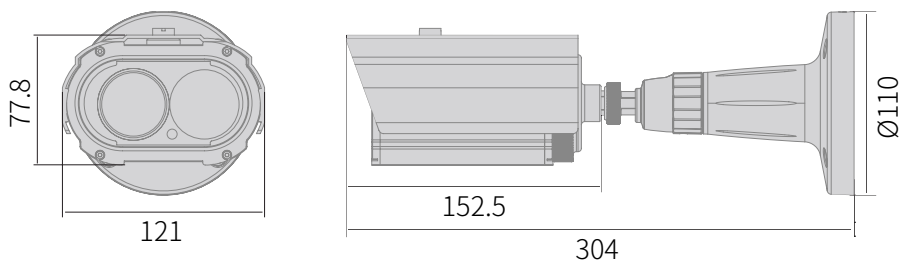
BLC technology works by reducing the dynamic range of the entire image, while retaining the overall contrast. By compensating for unbalanced light in a scene, detail is restored throughout the field of view so as to provide better visibility to identify an object of interest.

### IP66

Ingress Protection (IP) rating defines protection against solid objects and liquid on a 0-6 and 0-8 scale. IP66 housing means it's dust-tight and protected against strong jet-water.

# HD-TVI Camera KTC-TZN102

## Dimensions



## Specifications

<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS
<b>Effective Pixels</b>	1984(H) x 1105(V), 2.19MP
<b>Max. Video Resolution</b>	1080p@30(25)fps
<b>Lens</b>	f=5.1-51mm 10x Optical AF Zoom Lens
<b>FOV</b>	f=5.1-51mm (68°-6.7°, Diag.)
<b>F-Stop</b>	f=5.1-51mm (F1.6-F1.8)
<b>Min. Illumination</b>	1 Lux (ICR Off, DSS Off) / 0.5 Lux (ICR On, DSS Off)
<b>Shutter Speed</b>	1/30(1/25)s - 1/60,000s
<b>IR Illuminator</b>	10x Optical Zoom Hi-Power IR Beam
<b>IR Distance</b>	Up to 100m
<b>Radiant Flux</b>	1W
<b>Day / Night</b>	True D/N
<b>White Balance</b>	Auto / Push Lock / Manual
<b>Digital Zoom Ratio</b>	Off- 12x
<b>WDR</b>	D-WDR
<b>Lens Setup</b>	Auto / Manual / Semi-Auto(One-push)
<b>DNR</b>	OFF / ON / AUTO
<b>BLC</b>	Off / BLC / HLC

<b>DSS</b>	Off - 32x
<b>AGC</b>	Off - 30dB
<b>Other Function(s)</b>	Mirror, Flip
<b>Privacy Masking</b>	24Zones
<b>Motion Detection</b>	Yes
<b>Max. Transmission Distance</b>	Up to 500m
<b>Video Output(Main)</b>	HD-TVI
<b>Video Output (Service)</b>	CVBS
<b>OSD Control</b>	External Control (TVI-UTC, RS-485)
<b>OSD Language</b>	English
<b>IP Rating</b>	IP66
<b>Operating Temperature</b>	-40°C to 60°C (-40°F to 140°F)
<b>Max. Power Consumption</b>	24VAC 480mA/7.9W@IR LED ON(TBD) 24VAC 220mA/3.2W@IR LED OFF(TBD)
<b>Dimensions (WxHxD, mm)</b>	121(W) X 77.8 (H) X 152.5(D)
<b>Weight</b>	1.565kg(Main Body:1.3kg, Bracket: 265g)

## Ordering Information

KTC-TZN102 (Not all combinations are possible)

Signal Type	Silk Printing
NTSC	KT&C-printed
PAL	OEM-printed
	Non-printed