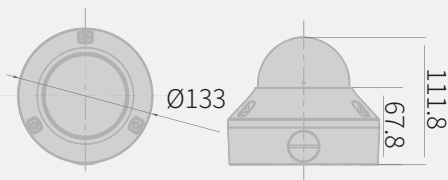


## IP Camera

# KNC-VNi122

- 1/2.8" 2.43MP Progressive Scan CMOS
- 24 IR LEDs up to 30m (98 ft.)
- Fixed Board / Varifocal Lens
- TDN, 3DNR, DSS, BLC
- Bi-audio, (Internal Mic.) / Micro-SD up to 32GB
- IP68
- 12VDC / PoE

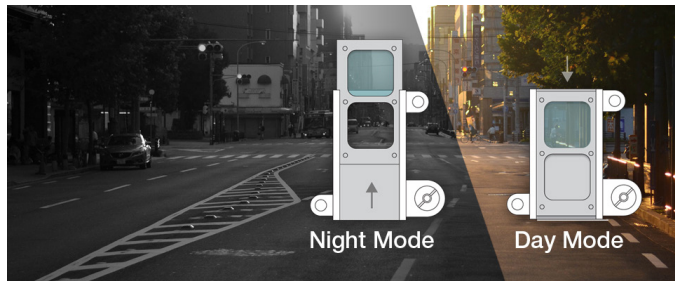


# Features

## KNC-VNi122

1/2.8" 2.43MP Progressive Scan CMOS  
24 IR LEDs up to 30m (98 ft.)  
Fixed Board / Varifocal Lens

TDN, 3DNR, DSS, BLC  
Bi-audio, (Internal Mic.) / Micro-SD up to 32GB  
IP68  
12VDC / PoE

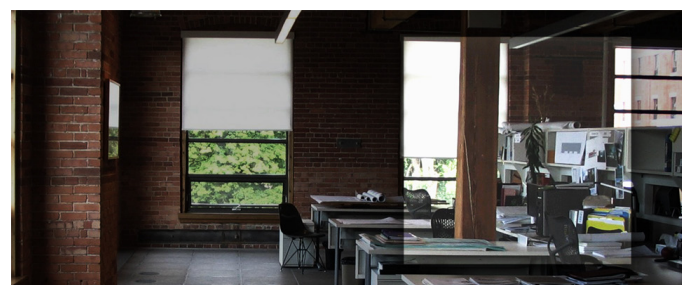


### TDN

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.



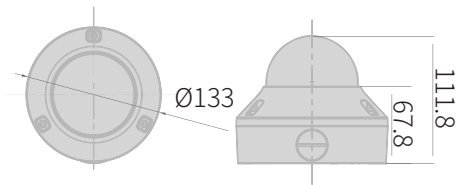
### IP68

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.

IP Camera

# KNC-VNi122

## Dimensions



## Specifications

Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1984(H) x 1225(V), 2.43MP
Video Compression	H.264 / MJPEG
Max. Video Resolution	(1920x1080)@30fps
Multiple Streams	4
Lens	f=2.8-12mm (2MP) / f=2.8mm (3MP) / f=3.7mm (3MP)
FOV	f=2.8-12mm (121.08° - 41.13°) / f=2.8mm (131°) / f=3.7mm (116.30°)
F-Stop	f=2.8-12mm (F1.6) / f=2.8mm (F1.9) / f=3.7mm (F1.8)
Min. Illumination (AGC Max.)	0.1 Lux (F1.6, ICR Off, DSS Off) / 0.03 Lux (DSS Max.) / 0 Lux (with IR LED On)
Shutter Speed	1/30 s - 1/8,000 s
IR LED	24 LEDs (850nm)
IR Distance	30 m (98 ft.)
Day / Night	True D/N
Alarm Input / Output	1/1
WDR	D-WDR
DNR	3DNR

Function	BLC, AGC, DSS
Privacy Masking	5 zones
Motion Detection	5 zones
Corridor Mode (9:16 aspect ratio)	0
Analog Video Out	Yes
Audio	G.711, G.726 (Bi-audio)
Protocol	IPv4, HTTP, TCP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, ICMP, DHCP, ARP, DNS, DDNS, HTTPS, UPnP
uSD Max. Capacity	32 GB
Housing Material	Aluminium (Bubble : Plastic)
IP Rating	IP68
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Power Source	PoE (IEEE 802.3af)
Max. Power Consumption	12VDC 350mA
Dimensions (W x H x D mm)	(Bubble Ø80) Ø133 x 111.8
Weight	Approx. 780 g (1.72 lbs)

## Ordering Information

KNC-VNi122 (Not all combinations are possible)

Signal Type	Lens	Silk Printing
NTSC	f=2.8-12mm (2MP)	KT&C-printed
PAL	f=2.8mm(3MP)	OEM-printed
	f=3.7mm (3MP)	Non-printed

Accessory for this product

KA-RCMP1	KA-RCTMA1
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