

## GKB 312VR Analog Camera

Super WDR 3-Axis Vandalproof Dome Camera with Varifocal Auto-Iris Lens

GKB 312VR is a vandalproof dome camera providing 650 TV lines of horizontal resolution. It adopts new generation GKB Super WDR chipset, operates against the contrast between low and high light areas and operates well in ultra low light of 0.00001 Lux in monochrome mode. 30pcs high-performance IR radiance distance can reach 25m in outdoor environment. The streamlined design and vandalproof casing blends in with most architectural styles, and prevents the camera from vandal damage.

Features:

- **Super WDR(Wide Dynamic Range)**

Equipped with Super WDR chipset improves the contrast between low and high light areas. The GKB 312VR presents a quality 650 TV lines of resolution and high S/N ratio.

- **Ultra High Performance in Low-lux**

In general setting, the min. illumination is lower than 0.03 lux; while with sens-up function, it can operate in ultra low light of 0.00001 Lux in monochrome mode.

- **Varifocal Auto-Iris Lens**

The GKB 312VR features a varifocal lens with a focal length of 2.8 ~12 mm and auto-iris that intuitively manages the amount of light passing through the lens for consistent image brightness.

- **RS-485 Port and On-Board OSD**

The GKB 312VR features an on-board OSD (on-screen display) with support for the RS485 interface. Once installed, camera set-up can be completed remotely with the help of a connected DVR and monitor.

- **IR-Cut Filter Removable (ICR)**

An ICR function automates the switch between Color and B/W during day and night surveillance. (Optional)

- **Special Functions**

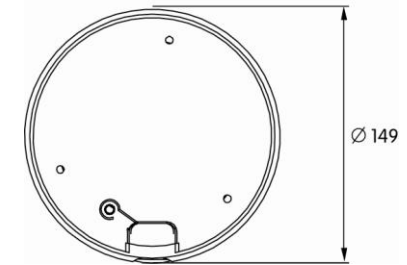
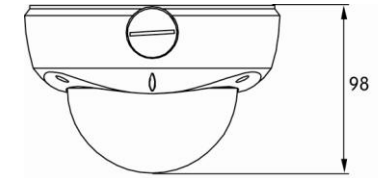
The ATW, 3D DNR, 512X Sens-Up, Eclipse (64 selectable areas), Digital Zoom ( X1~X6.13), Image Stabilizer and other features will automatically adjust themselves according to their environment to give you optimal images, meets all your surveillance needs.



## GKB 312VR Analog Camera

Video	Image Sensor	1/3" Sony Super-HAD CCD II
	Effective Number of Pixels	NTSC: 768(H) * 494(V) PAL: 752(H) * 582(V)
	Resolution	Color: 650 TVL; B/W: 670 TVL
	Min. Illumination	Color: 0.03 Lux (50IRE, F1.2) ; 0.0001Lux (Sens-Up Auto, F1.2) B/W: 0.03 Lux (50IRE, F1.2) ; 0.00001 Lux (Sens-Up Auto, F1.2)
	Gamma	0.45
	S/N Ratio	More than 52dB (AGC Off)
	Sync. Mode	Internal / External (Line Lock)
	Scanning System	2:1 Interlace
	Horizontal Sync. Frequency	NTSC: 15.734 KHz / PAL: 15.625 KHz
	Shutter Control	AUTO, OFF, A. FLK, 1/160 ~ 1/90000, X2 ~ X512.
	BNC Video Output	1.0 Vp-p, 75 ohm
	Day/Night Mode	Auto Programmable, Day, Night, Ext
	ICR (IR-Cut Filter)	Optional
	Auto Gain Control	Off, Low, Middle, High
	Back Light Compensation	On (Level Programmable) / Off
	Eclipse (HSBLC)	On (16 Programmable Areas) / Off
	White Balance	ATW / PUSH / Manual / Color-Roll (Digital Line Lock)
	WDR	Off / Low / Middle / High / Super, More than 72dB
	Flickerless	On / Off
	Sens-Up	Off / Auto (Up to 512X)
	3D-DNR	On (Level Programmable) / Off
	Motion Detection	On (8 Programmable Areas) / Off
	Privacy Masking	On (8 Programmable Areas) / Off
	D-Effect	Off / Mirror / V-Flip / Rotate
	Privacy	On (8 Programmable Areas) / Off
	Stabilizer	On / Off
	Digital Zoom	X6.13 (Digital Pan / Tilt)
	Special	Monitor Type, Multi-Language
Infrared LED	Quantity	30
	Peak Wavelength	850 nm
	Radiant Distance	25 meters
Power	Power Supply	12V~24V DC / 24V AC
	Power Consumption	6.8W
Varifocal Auto-Iris Lens	2.8~10mm	
Weatherproof	IP 66 Grade	
Net Weight	0.95 kg	
Dimension	149(∅) * 98(H) mm	
Operating Temperature	-10°C ~ 60°C / 30% ~ 80% RH	

### Dimension (mm)



### Optional Accessories



HD-945