

## Features:

- ◆ Waterproof IR Bullet Camera
- ◆ 3-Axis Bracket Built-in
- ◆ IR LED: 14μX42pcs, IR Range: 40M
- ◆ Obscured glass, hidden IR Led
- ◆ Water Resistance: IP66
- ◆ 24PCS Per Carton
- ◆ Size: 78mm x234mm
- ◆ Weight: 690g



## Specifications

Model ID	VW-KV20FHD	VW-KV20ZHD	VW-KV20THD	VW-KV50KHD	VW-KV50SHD	VW-KV80CHD	VW-KV80VHD	VW-KV20ATHD	VW-KV50AXHD
Description	Waterproof IR Bullet Camera , IR LED: 14μX42pcs, IR Range: 40M								
TV System	NTSC / PAL								
Video Out	BNC 4 in 1(AHD, TVI, CVI, CVBS )								
	Main menu Switch TVI/CVI/AHD/CVBS output. OSD Switch TVI/CVI/AHD/CVBS output								
Chipset Solution	1/3" 1080P 2MP CMOS Sensor Low illum F37 + XM330	1/2.7" 1080P 2MP CMOS Sensor Low illum F33 + FH8536E	1/2.8" 1080P(2.13MP) STARVIS CMOS Sensor, Low illum, SONY IMX307 + NVP2441H	1/2.7" 5MP CMOS Sensor, Low illum Silicon K05 + FH8538M	1/2.9" 5MP CMOS Sensor Low illum, SONY IMX335 + FH8558M	1/2.5" 4K(8MP) CMOS Sensor Low illum C08 + FH8556	1/2.3" 4K(8MP) CMOS Sensor Low illum, OV12895 + NVP2481	1/2.8" 1080P 2MP STARVIS CMOS Sensor Low illum, SONY IMX307 + NVP2441H	1/3" SONY 5MP CMOS Sensor Low illum, SONY IMX335 + NVP2477
Resolution	1080P@ 25fps(PAL), 30fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)	5MP @ 25fps(PAL), 30fps(NTSC)	5MP @ 25fps(PAL), 30fps(NTSC)	4K(8MP) @ 15fps(PAL), 15fps(NTSC)	4K/8MP @ 15fps(PAL), 15fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)	5MP @ 25fps(PAL), 30fps(NTSC)
Effective Pixels	1920(H)×1080(V)	1920(H)×1080(V)	1920(H)×1080(V)	2592(H)×1944(V)	2592(H)×1944(V)	3840(H)×2160(V)	3840(H)×2160(V)	1920(H)×1080(V)	2592(H)×1944(V)
Minimum Illumination	0.001Lux								
Lens	2.8-12mm Manual Zoom Lens 8-20mm Manual Zoom Lens (Optional)					4K 2.7-13.5mm Manual Zoom Lens		Auto Zoom & Focus, OSD (Change zoom & focus) 2.8-12mm motorized lens	
Sync System	Internal Synchronization								
Scanning System	2:1 Interface								
Shutter Speed	1/60~1/100,000sec (N), 1/50~1/100,000sec (P)								
S/N Ratio	≥ 58dB								
DWDR	NO	YES	YES	YES	YES	YES	YES	NO	NO
DNR	NO	YES(3D-NR)	YES(3D-NR)	YES(3D-NR)	YES(3D-NR)	YES(3D-NR)	YES(3D-NR)	NO	YES(3D-NR)
OSD	NO	Optional	YES	YES	YES	YES	YES	YES	YES
UTC	YES	YES	YES	YES	YES	YES	YES	YES	YES
Power Source	DC12V ±10%								
Consumption	<5W								
Operating Environment	-20℃~60℃ / 10%~95%RH								
Working Humidity	≤90%								
Size(mm)	78mm x234mm								
Weight(kg)	0.69 kg								