



	VR – 04	VR – 104HW
Image Pickup Device	1/3" VZOR Colour CCD	
Resolution	420 TV Lines	450 TV Lines
Pixels	320K	
Lens	6 mm	3.6 mm
Video Output	1.0 Vp-p 75ohm (BNC type)	
Audio Output	-	
Alarm Input / Output	-	
Iris Control	A.E.S.	
Shutter Mode	1/50 ~ 1/100,000 sec.	
S/N Ratio	≥ 48dB (AGC off)	
Gamma Characteristic	0.45	
Scanning System / Frequency	2:1 Interlace; 15.625KHz (H) x 50Hz (V)	
Gain Control / White Balance	Auto	
Backlight Mode	Open	
Minimum Illumination	0.5 Lux (LED off), 0 Lux (LED on) (F:2.0)	
Day / Night Function	Yes	
IR Sensitive	Yes	
IR LED	20xIR LED (5mm)	
IR Coverage / Viewing Range (approximate)	10~20m	
Pan / Tilt Angle (approximate)	Pan : 0~360°, Tilt : 0~135°	
Pan / Tilt Speed (approximate)	-	
Image Masking	-	
Aperture Suppress	-	
Flickerless	-	
Sharpness	-	
Built Special Function	Multi-angle manual pan tilt	
Network / Remote Control	-	
Presets	-	
Users	-	
Video Resolution & Speed	-	
Image Quality	-	
Power Supply & Consumption	DC12V 800mA	
Operation Temperature & Humidity	-10°C ~ +50°C ; RH 95% (max.)	
Storage Temperature	-20°C ~ +60°C ; RH 95% (max.)	
Dimension (w/o bracket) (approximate)	93(Φ) x 68(h) mm	
Weight (w/o bracket) (approximate)	250 g	

** Design & specification are subject to change without prior notice **