

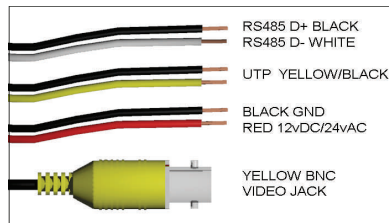
VRD139 Series Vandal-Resistant Dome Camera

- Sony® Super HAD II CCD*
- Pixim® Seawolf CMOS Sensor*
- IP68 Water-Proof Housing
- Lens Options: 2.8-11mm F1.4 Vari-Focal
2.9-8.5mm F1.4 Omni-Focus**
- True Day/Night Function*
- Maximum Dynamic Range
- ICON OSD (On Screen Display) control
- Wide DC Voltage tolerance (10~16vDC)
- Dual Voltage (12vDC/24vAC)
- 850nm Infrared Lighting to 20m*
- Fan function*
- Heater function*
- 2nd Video output
- RS-485 Port available
- Surface and Flush mounting

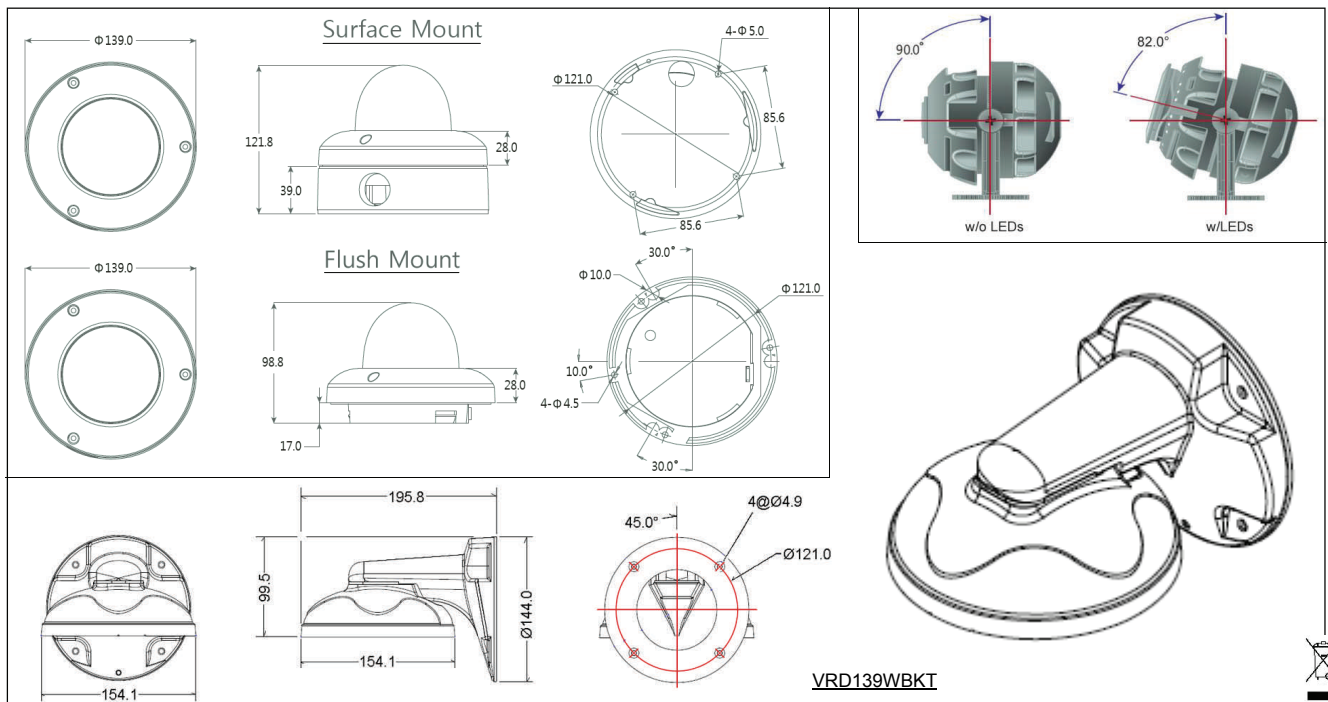
*Option

** w/Alarm Zoom function and IR remote Control

For critical applications additional lighting may be required



Mode	Sensor	Resolution	Sensitivity	Power	Features	ORDER CODE
Col/B&W	1/3" CCD	600 TVL	0.1/0.01 0.0lux(LEDs on)	max. 1.1W	IRLEDs, TDN5 IR cut filter As above plus Omni-Focus lens	VRD139
TDN						VRD139LT
TDN						VRD139LTOF
Col/B&W	CMOS	690 TVL	0.22/0.0lux (LEDs on)	max. 1.8W	Super-Wide Dynamic operation	VRD139DPS
Wall mounting Bracket						VRD139WBKT



Specifications

	VRD139	VRD139LT	VRD139LTOF	VRD139DPS
Pick-up Device	1/3" Sony® Super HAD II CCD			1/3" Pixim® CMOS sensor
Mode	Col/Mono	True Day/Night	True Day/Night	
Total pixels	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)			NTSC/PAL: 768(H) x 548(V)
Resolution	600TVL			690TVL
Sync system	2:1 Internal			
Scanning system	NTSC: 525 lines/ 60 fields PAL: 625 lines/ 50 fields			
S/N Ratio	>50dB (AGC off)			>53dB (AGC off)
Electronic Shutter speed	Auto 1/60 (1/50)~1/100000s			Auto 1/25~1/30,720
Lens	2.8-11mm F1.4 DC iris	2.8-11mm F1.4 DC iris	2.9-8.5mm DC iris Omni-Focus	2.8-11mm F1.4 DC iris
Min. illumination	0.1 lux (F1.2, 30 IRE) Colour 0.01 lux (F1.2, 30IRE) B&W / 0.0 lux (IR on)			0.22 lux
IRLED	n/a	20pcs Ø3mm IR to 20m (Intelligent camera sync.)		n/a
Video output	Composite 1.0v p~p 75Ω			
UTP	Built-in			
Voltage	12vDC/24vAC			
Power	MAX 1.1W			MAX 1.8W
Operating temp.	-10°C ~ +55°C			-10°C ~ +60°C
Storage temp.	-20°C ~ +70°C			
RS-485	Built-in			
HME	Highlight Masking function - ON/OFF (0 ~ 60 level adjust)			
3D-DNR	Digital Noise Reduction - OFF/LOW/MIDDLE/HIGH			
MAX-DR	Maximum Dynamic Range - ON/OFF (0 ~ 20 level adjust)			
SENSE-UP	Off ~ X256 adjust			
D-ZOOM	Digital zoom function X1.0 ~ X3.0			
SLC	Lens edge shade compensation (0 ~ 50 level adjust)			
DIS		Digital Image Stabiliser		
PRIVACY	6 Masking zones			
MOTION	240 Masking zones			
ALARM		Motion-triggered zoom		
IR Remote control		For remote zoom/focus and OSD control		

