

3D Free Rotation

# HQ1 Vandalproof Camera (3-axis)

S-MTC5838HQDN-R

## Features

- 1/3" Hi-Res. Color Dome Camera
- SONY HQ1/ 540TVL/ 0.05Lux@F1.2
- Digital D&N/AGC/BLC/F.L (ON/OFF)
- Built-in Varifocal Lens
- Water Resistance: IP66
- Breaking Strength: 656.1Kgf
- Unique 3 Axis Mechanism
- Option: Heater; Dual Voltage; Metal Fittings

Bracket Option:



S-MTC5838HQDN-R



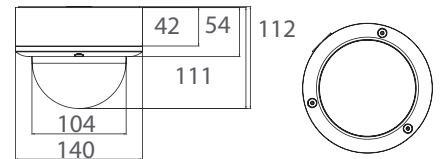
## Specifications

S-MTC5838HQDN-R		
TV System	PAL	NTSC
Image Sensor	1/3" SONY SUPER HAD CCD	
Number of Total Pixels	795(H)x596(V)	811(H)x508(V)
Resolution ; DSP	540TVL ; SONY HQ1	
Minimum Illumination	0.05Lux@F1.2	
Video Output ' Connector	1.0Vp-p Composite, 75 Ω ; BNC	
Signal to Noise Ratio	More than 48dB (AGC off)	
Gamma Correction	0.45	
Mechanical IR Cut Filter	NA	
IR LED ; Working Distance	NA	
Synchronizing System	Internal	
Automatic Electronic Shutter	Automatic, 1/50(60)sec.-1/100,000sec.	
Automatic Gain Control	ON / OFF	
Automatic White Balance	Automatic	
Back Light Compensation	ON / OFF	
Flickerless	ON / OFF	
DNR ; Sense Up	NA	
Digital Day&Night Mode	COLOR / D&N (B/W Mode<1Lux, Color Mode>5Lux)	
Automatic IRIS	DC	
Adjustment VR	DC Level	
Lens Mount	Built-in DC Auto IRIS Lens	
Lens, Angle of View(H)	Standard:f2.9mm~10mm/F1.2 Aspherical Auto IRIS Lens/94.6 °~28.8 ° Option:f9mm~22.0mm/F1.5 Auto IRIS Lens/29.2 °~13.0 °	
Water Resistance	IP66	
Max. Breaking Strength	656.1 Kgf	
Power Supply ; Consumption	12Vdc, 12Vdc/24Vac ; 2.3W	
Operation ; Storage Temp.	-10°C~50 °C ; -20°C~60 °C	
Operation ; Storage Humidity	Maximum:RH80% ; RH90%	
Dimensions	140(DIA)x112(H)mm	
Net Weight	950g	
Accessories Series Option(Page)	Wall Bracket:MTB-403 ; Ceiling Bracket:MTB-504 ; Thread Metal Flexible Conduit Fittings:S-FZS26	

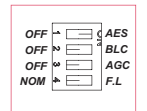
specifications and appearance are subject to change without notice

## Dimensions

UNT:mm Tol:±0.5



Option: Metal fittings



Option: Dual Voltage (AC24/DC12)



Option: Heater



## ■ Vandalproof Design

The special designed dome case can bear up to 656.1Kgf strength, which can avoid breaking or violent destruction of the camera and keep the camera's normal operation.



Tested by SGS

## ■ Water Resistance

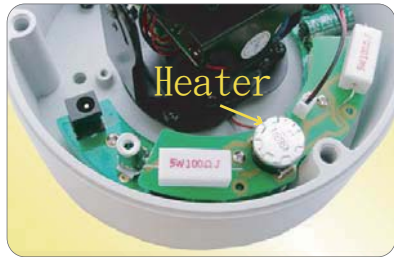
The water resistance design meets IP66 level requirements. Thus, it is suitable for outdoor environment installation, and there is no need to purchase an extra protective housing.



Tested by SGS

## ■ Heater (Option)

The heater function allows the camera keep the lens free from obscuring condensation. As the temperature changing, the heater switches on and off appropriately. This is optional for the use in the cold weather or outdoor environment.



## ■ Dual Voltage (Option)

The special designed dual voltage power inputs provide you a secondary power input terminal of 12Vdc and a RCA video output inside the dome for local test monitor, so it is convenient for the video adjustment during setup.



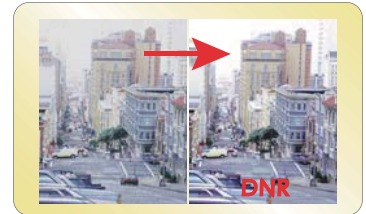
## ■ Easy Installation

The 3-axis mechanism characteristic enables the camera can be installed on any horizontal or vertical surface directly and easily without using a bracket with installation.



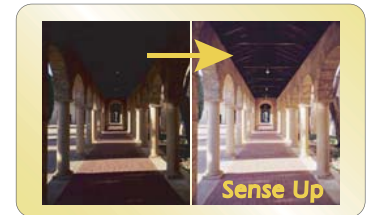
## ■ Built-in DNR Function

Built-in DNR (Automatic Dynamic Digital Noise Reduction) function, it performs clear & crisper image in low light and substantial disk-saving effect.



## ■ Built-in Sense Up Function

Built-in SENSE UP function is used to keep a brilliant, vivid screen image by automatically detecting changes in the level of light under low light level conditions.



## ■ Optional Accessories

To meet your different requirements, there are two types of brackets for your options. The MTB-504 is designed for the ceiling mount, and the MTB-413 & MTB-403 is for wall mount installation. The customized Metal Fittings (S-FZS26) is optional for this series camera when connecting to a conduit pipe.



Ceiling Mount Bracket



Wall Mount Bracket (Cable Management)



Wall Mount Bracket



Thread Metal Flexible Conduit Fittings