

# Series Mercury/2 – VR Dome

**ernitec**

## **Description:**

The *Series Mercury/2* comprises a range of vandal proof fixed mini domes for indoor and outdoor use (IP66).

The housing is made of moulded aluminium, with polycarbonate no-distortion lower hemisphere.

The *Mercury/2* VR dome is fitted with 480 to 550 TVL high-resolution camera, the Day/Night cameras with a mechanical IR-cut filter and IR light.

The Day/Night-types are furthermore fitted with a thermostat-controlled heater to prevent condensation and for low-temperature operation.

A special designed wall mount bracket is available for all Mercury types.



Mercury/2 Vandal Resistant Mini Dome



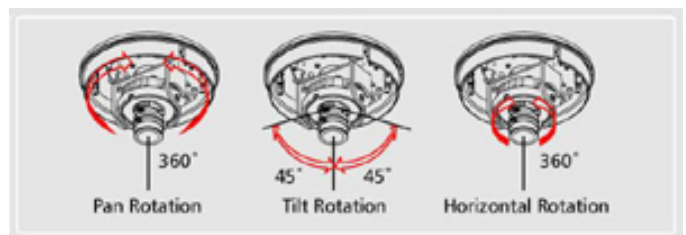
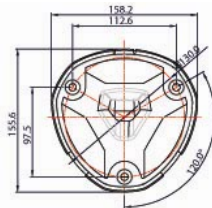
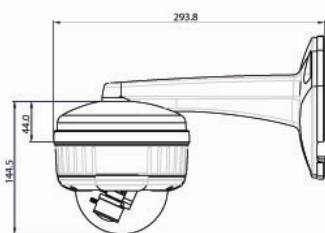
Mercury/2 with Wall Mount Bracket

## **Main features:**

- Vandal proof with no-distortion lower hemisphere
- 2-Axis Camera adjustment (VR-DN3V10IRH)
- 3-Axis Camera adjustment (VR-CL4V9DP, VR-DN3V10H, VR-DN3V10H-WDR)
- WDR (VR-DN3V10H-WDR)
- Privacy Masking (VR-DN3V10H-WDR)
- Auto iris varifocal lens
- Indoor – and Outdoor mounting, in lowered ceiling, on ceiling or directly on wall
- High-Res 480-550 TVL camera
- Service video output for easy lens- and camera adjustment
  - **Colour-type:**
    - Dual power supply 12 VDC/24 VAC
    - 4-9 mm lens
  - **Day/Night-types:**
    - Dual power supply 12 VDC/24 VAC
    - Thermostat-controlled heater (when supplied with 24 VAC)
    - 3.8-9.5 mm or 2.9-10 mm Day/Night IR-corrected autoiris varifocal lens
    - IR LED with visible range of 15m (VR-DN3V10IRH)

# Specifications Series Mercury/2 – VR Dome

Type	VR-CL4V9DP	VR-DN3V10H	VR-DN3V10IRH	VR-DN3V10H-WDR
Type	Colour	Day/Night		
Sensor	1/3" Super HAD	1/3" Super HAD		1/3" Double Scan
Video output	1 Vpp, 75 ohm, PAL			
Horizontal resolution	550 TVL			480 TVL
Total/Effective no of pixels	470000/440000			
Minimum illumination, AGC ON, 30 IRE	0.3 lux	Colour: 0.3 lux B/W: 0.05 lux	Colour: 0.3lux B/W: 0.0lux (IR LED ON)	Colour: 0.1lux B/W: 0.003lux (DSS on)
Lens	4-9 mm varifocal auto iris	2.9-10 mm IR varifocal auto iris	3.8-9.5 mm IR varifocal auto iris	2.9-10 mm IR varifocal auto iris
IR LED and Sensor	-	-	IR LED (850nm, 30°) 20EA, Sensor 1EA	-
IR Visible Range	-	-	Max. 15m	-
S/N Ratio, AGC Off	>48 dB		>50dB	>48 dB
Electronic shutter	1/50			
Video synchronisation	Internal			
AGC	ON/OFF			
BLC-backlight compensation	ON/OFF			
White Balance	Auto			Auto/Hold/User
OSD	No			Yes
Wide Dynamic Range	No			ON/OFF (Max 60dB)
Privacy Masking	No			ON/OFF (4 Zones)
Axis	3		2	3
<b>Power supply</b>				
Voltage	24 (20-28) VAC 12 (10-15) VDC			
Power consumption	3 W	13 W incl. heater	15 W incl. heater	16 W incl. heater
<b>Physical Characteristics</b>				
Housing	Vandal proof; Moulded aluminium with polycarbonate hemisphere			
Size	100(Ø) x 124,5(H) mm			
Heater	- Yes, active only if supplied with 24 VAC			
Weight	Approx. 1.2 kg			
<b>Environment</b>				
Operating temperature	-10 to +50°C	-40 to +50°C with heater		-20 to +40°C
Protection	Outdoor			
<b>Others</b>				
Order info	0017-06007	0017-06005	0017-06009	0017-06010



3-Axis Camera Adjustment (VR-CL4V9DP, VR-DN3V10H)

Mercury/2 Wall Mount Bracket



THE ONE TO WATCH

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