

Mercury 4 series

Vandal Resistant Mini Dome with UTP



The Mercury/4 is the latest generation of the popular Mercury vandal-resistant mini dome.

There are three types available:

Color, True day/night and True day/night with IR-LED for indoor and outdoor applications with heater all with built-in UTP transmitter that can transmit video streams up to 300 meters by using convenient UTP cables.

All types offer a very high video resolution in both color mode and B/W mode.

The Mercury 4 includes an On-Screen-Display (OSD) menu for easy configuration of the camera. The configuration of the mini dome is made even faster by using the easily accessible service video output.

Other features include up to 4 programmable privacy zones. The size and location of each privacy zone is independently programmable.

The lens is a 2.8 – 10.5 mm varifocal with DC iris. The lens on the true day/night type is IR corrected.

The Mercury 4 mini dome can operate on either 12 VDC or 24 VAC.

The housing is made of moulded aluminium and the hemisphere is made of polycarbonate.

The dimensions and mounting holes on the Mercury 4 are identical to the Mercury 2 and 3 thereby providing an easy retrofit into existing installations.

An optional wall bracket is available.

600 TVL

UTP

IR

Color

D/N

25/FPS

24VAC

12VDC

Vandal

Specification

Model	Mercury 4 color	Mercury 4 DN	Mercury 4 IR
Camera type	Electronic Day/Night	True Day/Night	True Day/Night with IR-LED
Video Output	1Vpp, 75Ω, PAL Composite		
UTP transmitter	Yes		
Image Sensor	1/3" SONY SuperHAD CCD II	1/3" SONY XWDR CCD sensor	
Scanning System	2 :1 Interlace / H :15.625KHz, V : 50.0Hz		
Total / effective pixels	470k / 440k		
Horizontal Resolution	Colour : 600 TVL, B/W: 650 TVL		Color 580 TVL, B/W 650TVL
Sensitivity, 30 IRE, F2.0	Colour : 0.1 lux , B/W : 0.03 lux		Color: 0.05 Lux , B/W 0.00002 LUX
S/N Ratio	>50 dB (AGC OFF)		
Shutter speed	1/50 – 1/120.000 sec.		
Synchronisation	50 Hz, internal		
Lens	2.8 – 10.5 mm DC Iris, F1.2	2.8 – 10.5 mm DC Iris, F1.2	
IR Corrected lens	No	Yes	
IR Cut filter	Yes	Yes, mechanically removed	
Adjustment	3-axis (pan, tilt, rotate)		
OSD	Yes, English		
Privacy Masking	4 zones		
Mirror function	Horizontal		
AGC	On / Off		
BLC	Off, Low, Middle , High		
White Balance	Auto / Set		
Flickerless	On/Off		
Digital Noise Reduction	Off, Low, Middle, High		
IR LED / Sensor	No	IR LEDs (850nm, 30°) 20EA & Sensor	
IR LED Lighting Distance	No	Max 20m	
Heater	No	Yes, requires 24 VAC	
Heater activation temperature	No	10°C internal temperature	
Voltage Range	10-15 VDC / 20-28 VAC		
Power Consumption	3.6W	3.6W + 10W for heater	4.2W + 10W for heater
Operating temperature and humidity	-10°C to +50°C, 30 – 80% R.H.	-10°C to +50°C, 30 - 80% R.H. (w/o heater)	
		-20°C to +50°C, 30 - 80% R.H. (w heater)	
Storage temperature and humidity	-20°C to ~ +55°C, 0 - 90% R.H.		
Overall Camera Dimensions	Height 102mm (4.02") Diameter 140mm (5.51")		
Weight	Approx. 1250 g.		
Part number	0017-06012	0017-06016	0017-06018
Optional accessories:	Wall bracket. Part number 0017-06202		
Optional accessories:	Power supplies 24V/36WA. Part number 0017-05229		
Optional accessories:	PVT-120V, passive video transeiver. Part number 0040-01304		

