



**MCM** electronics

**CAM620D1**

**620 Line  
Day-Night Vandal Proof  
Colour Dome Camera  
with Digital Noise Reduction**



### Features

- ✓ 1/3" Sony Super HAD II CCD (ICX638/639)
- ✓ High Resolution 620TV Line (Colour), 720TV Line (B/W)
- ✓ Min. Illumination 0 Lux \ /F1.2 With IR LED On
- ✓ (2D) DNR - Disc Save up Effect
- ✓ True Day&Night by ICR
- ✓ High Sensitivity IR LED 36Pcs for 30m range
- ✓ WER (Wide Extended Range)
- ✓ 4 Privacy Masking
- ✓ Sharpness, Mirror, AGC, Flickerless
- ✓ O.S.D (Multi Language)
- ✓ Vandal Resistant & Weather Proof (IP66)
- ✓ 3 Axis Bracket
- ✓ Safety Strap Holding Dome Cover During Installation
- ✓ DC12V
- Options...
- ✓ Dual Power (Protection Circuit Included)
- ✓ Heater (heating Wire) I Wall or Ceiling mount available
- ✓ 3.5-16mm Varifocal Lens

### Wall brackets



BRKT EXT WALL

# Specifications for CAM650D1



**VIVID IR LED VISION**  
**NO IR LED LIGHT REFLECTION**  
**NO AFTERIMAGE**



620TVL



Wide Extended Range



2D DNR



Motion Detection



Privacy Mask

## FEATURES

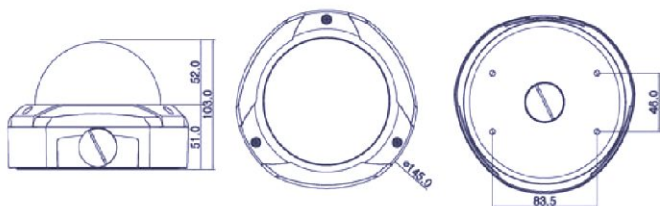
- | 1/3" Sony Super HAD II CCD (ICX638/639)
- | High Resolution 620TV Line (Color), 720TV Line (B/W)
- | Min. Illumination 0 Lux V/F1.2 With IR LED On
- | (2D) DNR - Disc Save up Effect
- | Zero Defect
- | True Day&Night by ICR
- | High Sensitivity IR LED 36Pcs for 30m Veiwable in Complete Darkness
- | WER(Wide Extended Range)
- | 4 Privacy Masking
- | 4 Montion Detection (1Alarm Out)
- | Sharpness, Mirror, AGC, Flickerless
- | O.S.D(Multi Language)
- | Vandal Resistant & WeatherProof(IP66)
- | 3 Axis Bracket
- | Safety Strap Holding Dome Cover During Installation
- | DC12V

### \*Options

- | Dual Power (Protection Circuit Included)
- | Heater (heating Wire)      | Wall or Ceiling mount available
- | 3.5-16mm V/F Lens

## DIMENSIONS

Unit : mm



## SPECIFICATIONS

TV SYSTEMS	NTSC	PAL
Image Sensor	1/3" Sony Super HAD II CCD(ICX638/639)	
Effective Pixels	768(H)X494(V)	752(H)X582(V)
Total Pixels	811(H)X508(V)	795(H)X596(V)
Scanning System	2:1 Interlace	
Frequency	15.734KHz(H)/59.94KHz(V)	15.625KHz(H)/50.00KHz(V)
Synchronization	INT/LL Selectable 0-359° (Adjustable)	
Resolution	620 TVL(Color), 720TVL(B/W)	
Video Output	1.0Vp-p Composite (75 ohm)	
S/N (Y Signal)	52dB (AGC Off)	
Min. Illumination	0 Lux (IR LED On)	
Day & Night	AUTO/COLOR/BW/EXT	
Gamma Correction	0.45 / 0.7 / 1.0	
WER (Wide Extended Range)	OFF/ON (Area Setting)	
DNR	OFF/LOW/MIDDLE/HIGH	
AGC	OFF/ON (Level Setting)	
White Balance	ATW/MANUAL/PUSH	
Motion Detection	OFF/ON (4 Zones, Alarm Out OFF/ON)	
Alarm Out	1EA (open Collector)	
Privacy Function	OFF/ON (4 Zones)	
Electronic Shutter	AUTO/MANUAL (1/60~1/120,000)	AUTO/MANUAL (1/50~1/120,000)
Manual Shutter Speed	OFF/ON(~ 1/120K /sec)	
Flickerless	OFF/ON	
Mirror	Reverse	
Sharpness	MANUAL (Level ~20)	
Color Gain	MANUAL (Level ~20)	
O.S.D	English,Japanese,Chinese	
Other Functions	Camera ID, etc	
IR LED	High Sensitivity IR LED 36Pcs for 30M	
Lens	2.8 - 11.0mm Dc Auto Iris Vari Focal Lens/F1.2	
Communications	Protocol : RS-232 TTL(Pelco-D)	
Operating Temp.	-10°C~+50°C/30~90%RH Heater On : +30°C~+50°C/30~90%RH	
Power Source	DC12V(200mA), AC24V(100mA)	
Dimension/Weight	Approx. 1,100g	

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