

# DEFENDER

- WDR (LONG AND SHORT EXPOSURE)
- DIGITAL ZOOM (x10)
- 1/3" SONY SUPER HAD II CCD USED
- DAY AND NIGHT FUNCTION
- 600 TV LINE RESOLUTION
- 0.3LUX AT F1.2 (COLOR) /
- 0.002LUX (SENS-UP x256)
- 3DDNR (3D DIGITAL NOISE REDUCTION)
- HLM (HIGH LIGHT MASK)
- IR LIGHT CONTROL

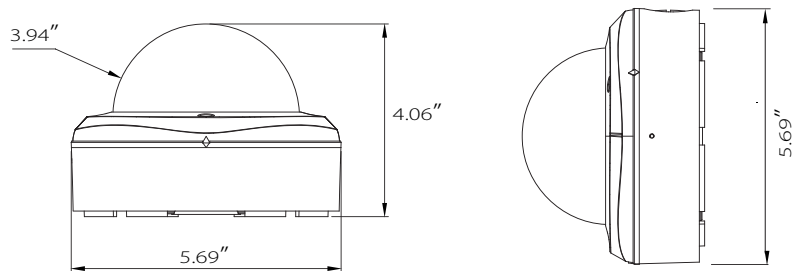


Model	Defender
Resolution	600 TV Lines
Sensor	1/3 inch SONY Super HAD II CCD
Total Pixels	811(H) x 508(V) 410K pixels (NTSC) 795(H) x 595(V) 470K pixels (PAL)
Effective Pixels	768(H) x 494(V) 380K pixels (NTSC) 752(H) x 582(V) 440K pixels (PAL)
Scanning System	2:1 Interlace
S/N (Y signal)	More than 50 dB (AGC off)
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz (NTSC) Horizontal : 15.625KHz / Vertical : 50.00Hz (PAL)
Video Output	CVBS : 1.0Vp-p / 75ohm
Min. Illumination	0.3Lux at F1.2 (color)/0.002Lux (sens-up x256)
White Balance	ATW / AWC / PUSH / MANUAL
Electronic shutter speed	Auto / Manual (1/60 sec ~ 1/120,000 sec NTSC) (1/50 sec ~ 1/120,000 sec PAL) Sens-up and sens-up limit is selectable / Flickerless
O.S.D	Built-in
Backlight Compensation	Low, Middle, High, HLM, Off Selectable
Gain Control	Low, Middle, High, Off Selectable
3DDNR(3D Digital Noise Reduction)	Low, Middle, High, Off Selectable
Day & Night	Auto / COLOR / BW / CDS
Sens-UP	Auto/Off (Selectable x2 ~x256)
Motion Detection	ON/OFF
PRIVACY	ON/OFF (6 zone)
Mirror	MIRROR / V-FLIP / ROTATE / Off
Digital Zoom	ON (x10) /OFF
WDR (Long and Short exposure)	ON / OFF
SYNC	INTERNAL / AUTO
Operating Temperature/ Humidity	-10°C ~ +50°C / 30% ~ 80% RH
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH
Power	DC 12V / AC 24V Dual Power
LENS	Auto Varifocal Lens 2.8-12mm

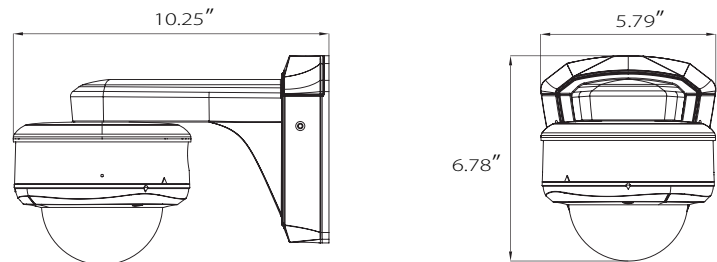


- CONTROLLED BY OSD MENU
- DC IRIS CONTROL
- PRIVACY FUNCTION
- MOTION DETECTION
- EASY INSTALLATION & 3 AXIS

## \* Dimensions



## \* Wall Mount Bracket (Optional)



## Mounting Options:

- Mount to any surface at any angle (ceiling, wall, etc.) - 3-axis camera allows any correction
- 1/2" conduit opening on Dome body is included
- Optional Wall Mount has two 1/2" conduit openings as well
- Double gang electrical box mountable (Either indoor or Outdoor switch box versions)