



### Features

- 1/4" SONY Super HAD Dual Scan CCD
- 700TV Lines in HR7 mode
- Progressive Scan 612,688 Effective Pixels
- 36x Optical Zoom and 32x Digital Zoom
- Dual scan 512x WDR
- Intelligent Object Detection
- Light Distance : 120m (manual focusing)
- IP66 For Outdoor Applications
- Endless Pan rotation (15 ° to 270 ° Tilt angle)
- Up to 63 Programmable Presets
- Less than ±0.1° Preset Accuracy
- 8 Programmable Paths, 4 Patterns
- 4 Scan(Programmable speed and diag. scan)
- Programmable Privacy Masking (2 Zones)
- RS-422, RS-485 communication
- Multiple Protocol Support (Pelco-D, Pelco-P)
- Built-in OSD Menu
- Mechanical Auto Flip
- Programmable Zoom Speed
- Optional 24V AC Power Input

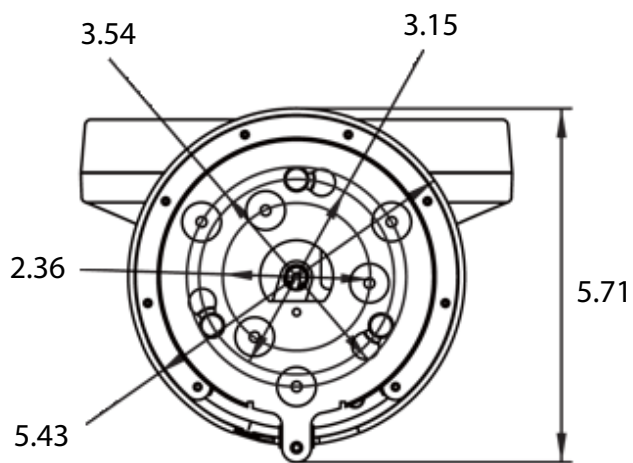
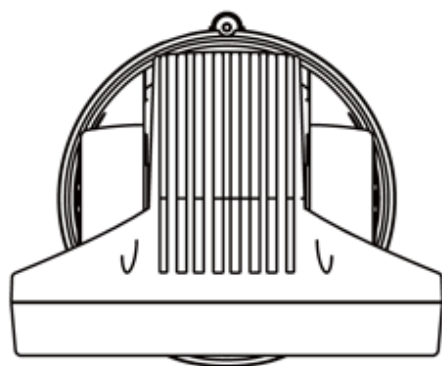
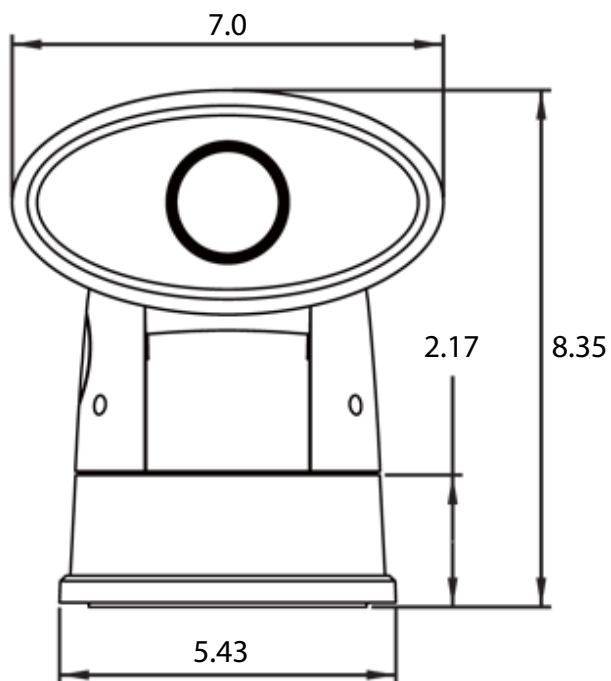
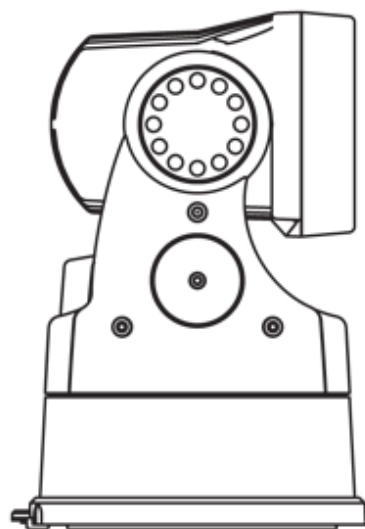
### Specifications

Model	017-068-045
Image Sensor	1/4" SONY Super HAD II CCD (Double Scan )
Zoom	Optical 36x, Digital 32x
Total Pixels	NTSC:1028 (H) x 508 (V) / PAL : 1028 (H) x 596 (V)
Scanning system	Interlace
Scanning Frequency	NTSC:15.734KHz (H), 59.94Hz(V) / PAL: 15.625KHz(H) , 50Hz(V)
Sync.System	Internal
Resolution	700TV lines (Color) / 800TV lines (BW)
Min.Illumination	Color DSS :0.001 lux, BW DSS:0.0004 lux / Color :0.5lux, BW:0.2 lux
Video Output	1.0 Vp-p (75ohm, composite)
S/N Ratio	More than 50dB(AGC off)
Focal Length	f=3.4mm~122.4mm (F 1.6 to 4.5)
Focus	Auto/ One Push / Manual / infinity
Focus Distance	0.1 / 1.3 / 1.8 / 3.0 / 5.0 m
E.Zoom	Off / Max 2x ~32x
Exposure	Auto / Shutter PRI / Manual
Gain Control	Off / On (Auo Max 32dB)
Shutter Speed	NTSC: 1/60 ~1/100,000sec
	PAL : 1/50~1/100,000sec
WDR / BLC	Off / WDR / BLC
Day&Night	Auto / Day / Night
White Balance	ATW / One-Push / Indoor / Outdoor / Manual/ Auto
Image DNR	Off / Manual / Auto
Privacy Mask	Off / 8 zones
Communication	Baud Rate : 2400, 4800, 9600, 19200, 38400 ,57600, 115200 bps
	Protocol : WTX, PELCO-D V1, PELCO-P, PELCO-D V5
Display	Disp Sel / Init Sel / Set Tilt / Set Init Msg / Language
Size	138(Ø) X 212 (H)

### LED Specifications

	Infra Red LED	White LED
Light Distance	120m manual focusing	
LED	12pcs of 18Ø IR Lens	

## Drawings



(Units : in.)