

# MM-18-32

1080p Board Camera

**HD-SDI EX-SDI CVBS**

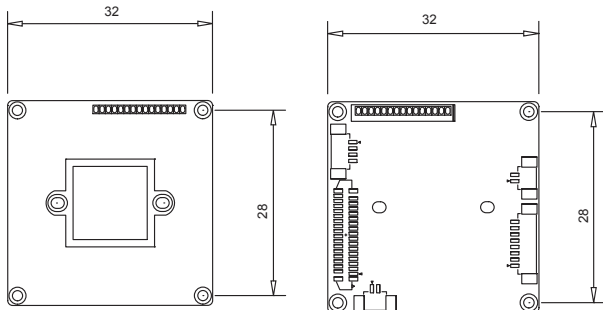


## Features

- 1/3" 2MP Panasonic CMOS sensor
- 1080p 30fps, 720p 60fps
- Real-time True WDR(30fps)
- Digital Noise Reduction(2D+3D)
- Privacy Mask Function
- Digital Image Stabilizer
- High Light Compensation
- Intelligent Motion Detection
- Defog Function
- Supports Pelco-P / Pelco-D / VISCA / Update
- Video Out : HD-SDI, EX-SDI, CVBS
- Dimension : 32mm x 32mm x 1.6 mm

## Dimensions

Unit : mm



## Specifications

MM-18-32	
Image Sensor	1/3" Panasonic CMOS Sensor
Total Pixels	1956(H) x 1266(V) = 2.48M pixels
Active pixels	1944(H) x 1092(V) = 2.12M pixels
Scanning system	Progressive Sacn
Resolution	Digital : 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps Analog : 700TVL
Min. illumination	Color : 0.5 lux , BW : 0.1lux, Color DSS : 0.002 lux , BW DSS : 0.001 lux
Video Output	HD : HD-SDI, EX-SDI Analog SD : VBS(without WDR)
LENS	2.8~10mm (Option)
Brightness	0 ~ 20 steps
Shutter Speed	Auto / Manual ( 1/30(1/25) ~ 1/30000 )
DSS	Off / x2 / x4 / x8 / x16 / x32 / (x64 : 60 or 50 fps mode only)
AGC	Off / On
WDR/BLC	Off / WDR / BLC
Day&Night	Auto / Day / Night / Ext
White Balance	Auto / One Push / Manual / Indoor / Outdoor
HLC	Off / On / Night only
DNR	Off / Low / Middle / High / Auto
Mirror	Off / H / V / H&V
Sharpness	0 ~ 10 steps
ACE	Off / Low / Middle / High
Defog	Off / On (Auto / Manual)
Freeze	Off / On
E.Zoom	x2 ~ x32
Privacy Mask	Off / On (24 points)
Motion Detection	Off / On (3 points)
Defect DET	Off / On
System	NTSC / PAL
HD Format	1080p/30(25)fps / 720p/30(25)fps / 720p/60(50)fps
Comm	ID : 1 ~ 255 Baud Rate : 2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200 Protocol : Pelco-P / Pelco-D / VISCA / Update
Language	English / Chinese / Japanese
Power Source	DC12V±10%
Power Consumption	250mA
Power Input	Connector
Video Output(HD-SDI)	MMCX Connector
Operating Temperature	-10℃ ~ +50℃ (Humidity : 0%RH ~ 80%RH)
Storage Temperature	-20℃ ~ +60℃ (Humidity : 0%RH ~ 90%RH)
Dimensions	32(W) X 32(H) X 1.6(D)

\* Design and specifications are subject to change without notice.