

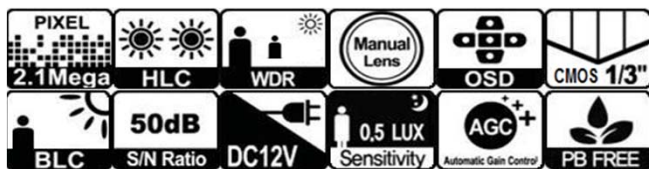
# 1/3 inch 2.1M Full HD-SDI Mini Square Camera - 59.94fps



## HDC-M23CS



## HDC-M23CSP



## 1080p 29.97fps, 59.94fps, 59.94i HD-SDI 2.1 Mega Pixel Miniature Camera

### What's Better with HDC-M23CS/CSP camera?

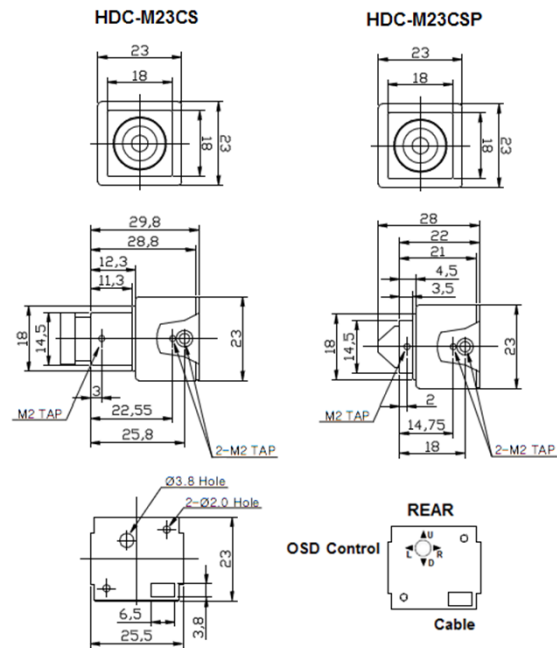
- High Frame per Second than Normal HD-SDI Security Camera (Motion Video with Better Movement)
- Multi Output of HD-SDI, CVBS
- Day & Night Vision with OSD Mode Change
- Normal Type of Power Input Port, which is Preferred in Broadcasting and Medical Devices



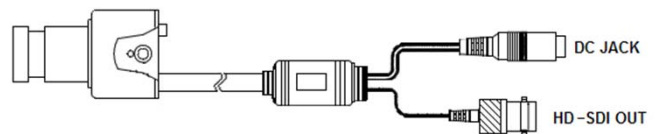
### GENERAL FEATURES

- 1/3" 2.1M Panasonic CMOS Image Sensor
- Full HD 1920x1080 (29.97, 59.94p), 59.94i
- HD 1280x720 (29.97, 59.94p)
- Advanced RGB Interpolator for High Resolution
- Wide Dynamic Range Compensation (WDR), 1080p (30fps)
- Adaptive Digital Noise Reduction
- Adaptive Contrast Enhancer (ACE)
- Lens Shading Compensation
- Live Defect Detection & Correction (Manual : 1024ea)
- High Light & Privacy Masking
- Motion Object Detection
- Color Rolling Suppression
- On Screen Display
- Analog CVBS Output

### DIMENSION



### CABLE



- HD SDI Cable Option
  1. DC Jack + HD SDI Out
  2. DC Jack + HD SDI Out + CVBS Out (Option)
- Maximum Transmission : 100M (5C-HFBS Cable Use)

### SPECIFICATIONS

MODEL	HDC-M23CS	HDC-M23CSP
Image Sensor	1/3 Inch progressive CMOS, 2.1Megapixel	
Total Pixels	2010(H) x 1108(V) / 2,227,080 (Pixel)	
Active Pixels	1944(H) x 1092(V) / 2,122,848 (Pixel)	
Scanning System	Progressive Scan (Sync System Internal)	
Video Output	HD-SDI / 3G-SDI 1920x1080 (29.97p, 59.94p), 59.94i 1280x720 (29.97p, 59.94p) Composite (1.0Vp-p, 75ohm) Color Bar Signal	
Horizontal TVL	More than 1000 TVL	
Min. Illumination	0.1Lux (F1.2, 50 IRE, AGC Max) / DSS X4 : 0.01Lux	
S/N Ratio	More than 50dB (AGC Off)	
Lens Mount	Fix 1/2.5" 3.7mm, M12 (Option : 6mm)	Fix 1/2.7" 4.3mm, M12 (Con Pin-hole)
Serial Port	No	
ICR (Filter Change)	No	
Electric Shutter	Manual (1/30(25) ~ 1/30,000 sec)	
Auto White Balance	Auto/AutoEXT/Preset/Manual (R-Gain, B-Gain)	
Backlight Compensation	BLC (Off/On)	
Digital Noise Reduction	DNR (Off/Low/Middle/High)	
Wide Dynamic Range	WDR (Off/Low/Middle/High)	
Mirror Image	MIRROR, FLIP (Off/On)	
Privacy Masking	Yes	
Motion Detection	Yes	
Digital Zoom	Yes	
Camera ID	Yes	
Operating / Storage Temp	-10°C ~ 50°C / -20°C ~ 70°C	
Operating Humidity	Under 90% Non-condensing	
Power Supply	DC 12V 1.0A	
Power	DC 12V 150mA, 1.8W	
Dimensions (mm)	23(W) x 23(H) x 37(D)	23(W) x 23(H) x 27(D)
Net Weight	50g	45g