

# Full HD 60fps, 1080i HDMI Compact Box Camera



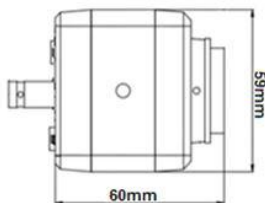
## What's Better?

- High Frame per Second than normal HD-SDI Security camera (Motion video with better Movement).
- Multi Output of HDMI, HD-SDI, CVBS
- Day & Night vision with OSD Mode Change
- Hirose 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 1920x1080p(50,60fps,25,30fps,1080i )
- HD 1280x720p (50,60fps)
- HDMI Support.
- Advanced RGB Interpolator for High Resolution.
- Wide Dynamic-Range (WDR)
- 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 (NTSC,PAL)

## Dimension



## Rear Interface



1. OSD Switch
2. HDMI Output Terminal
3. DC Iris Jack
4. HD-SDI Output Terminal
5. Main Cable Terminal
6. Power LED

## Specification

MODEL	MDC-HM4090C
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
	1920x1080p(25,30,50,60fps,1080i )
	1280x720p (50,60fps)
Horizontal TVL	HDMI 1.3
	NTSC,PAL 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 X4:0.01 Lux
S/N Ratio	More than 50dB (AGC Off)
LENS Mount	C,CS
Serial Port	RS-232
ICR (Filter change)	Yes (Option)
Electric Shutter	AUTO/MANUAL (1/30(25) ~ 1/30,000 sec.)
Auto White Balance	AUTO / Pushing /
	Manual(3000K,5000K,8000K,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	DC12V 1.0A
Power	DC12V 320mA , 3.8.W
Dimensions (mm)	59(W) x 59(H) x 60(D)
Net Weight	200g

## Cable Configuration

