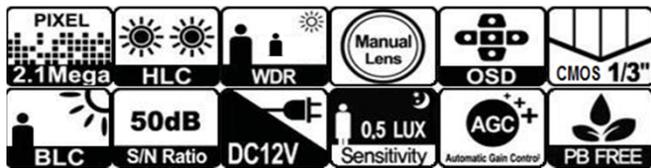


# Full HD Genlock Broadcasting Mini Box Camera (59.94fps)

## HDC-SD041CS



### What's Better with HDC-SD041G camera?

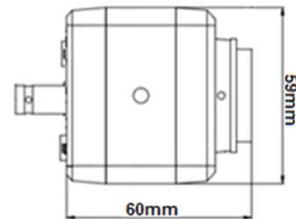
- High Frame per Second than Normal HD-SDI Security Camera (Motion Video with Better Movement)
- Multi Output of HDMI, HD-SDI, CVBS
- GENLOCK Support SYNC mode
  1. External Video SYNC mode : External Tri-Level Sync
  2. Camera to Camera Link SYNC mode
    - a>SYNC Master Mode
      - : Camera Video Output SYNC Signal Mode
    - b>SYNC Slave Mode
      - : Master SYNC Signal Input Mode
- Day & Night Vision with OSD Mode Change
- Hirose Type of Power Input Port, which is Preferred in Broadcasting and Medical Devices



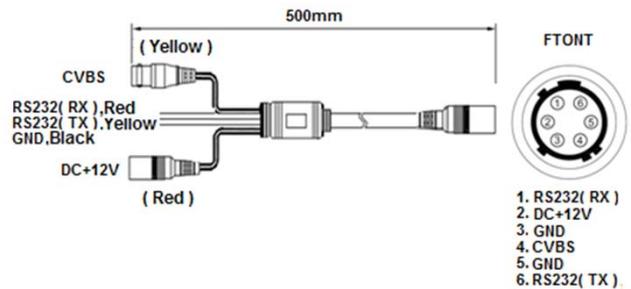
### GENERAL FEATURES

- 1/3" 2.1M Panasonic CMOS Image Sensor
- Full HD 1920x1080 (25,29.97,30,50,59.94,60p), (50,59.94,60i)
- HD 1280x720 (50,59.94,60p)
- HDMI Support
- GENLOCK External SYNC Input/Output Support
- 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 (NTSC, PAL)
- Maximum Transmission : 100M (5C-HFBT Cable Use)

### DIMENSION



### MAIN CABLE CONFIGURATION



### 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
7. ESYNC Input/Output (Tri-Level Sync)
8. ESYNC Lock LED
9. ESYNC Input/Output Selection SW (Input : Slave & Output : Master)

### SPECIFICATIONS

MODEL	HDCSD041G
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 (25,29.97,30,50,59.94,60p), (50,59.94,60i) 1280x720 (50,59.94,60p) HDMI 1.3 NTSC, PAL Composite (1.0Vp-p, 75ohm) Color Bar Signal
GENLOCK Support Format	1920X1080 (25,29.97,30,50,59.94,60p) 1080i not Support
External SYNC Input	Slave Mode : Tri-Level Sync Input (1.0Vp-p, 75ohm)
External SYNC Output	Master Mode : Tri-Level Sync Output (1.0Vp-p, 75ohm)
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	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/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 360mA, 4.3W
Dimensions (mm)	59(W) x 59(H) x 60(D)
Net Weight	280g