

2.2 Megapixel HD-SDI 1080p Miniature Camera

FEATURES

- Panasonic 2.2 Megapixel 1/3" CMOS Sensor
- Megapixel Fixed 3.7mm 3MP Lens
- 1080p/30, 720p/60 (NTSC & PAL)
- HD-SDI (BNC) & CVBS (BNC) simultaneous streams
- 0.5Lux (Color), 0.1Lux (B/W), 0.02Lux (Sens-up 30x)
- WDR (ACCE), DNR (2D+3D), Digital Defog, HLC
- Privacy Masking, Digital Defog, and HLC
- 12V DC (Marshall PN: V-PS12-500, sold separately)
- 36.5mm x 36.5mm x 35mm, 50 grams
- Also available in 1080p/60 (3G-SDI)
- OSD Joystick on cable



Available in Pinhole



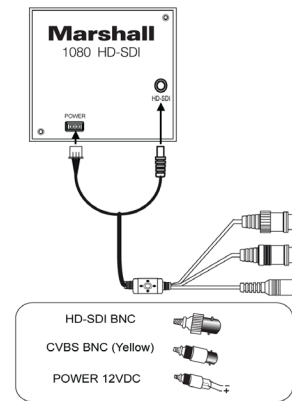
CV-500MPH

Marshall 2MP Miniature Cameras provide Full HD (1080i/60, 1080p/30, 720p/60) resolution with crystal clear images for all types of Broadcast, A/V, Industrial, Security, and OEM applications. These cameras incorporate a newly designed 2.2 MP CMOS sensor with functions such as enhanced Wide Dynamic Range, High Light Compensation, Digital Noise Reduction (2D+3D), and Digital Defog - all in a body less than 1.5" squared.

OPTIONAL LENSES

Focal Length/Aperature	Description	Part Number	Applications
2.9mm f/2.0	2 Megapixel Pro Prime IRC	V4702.9-2MP-VIS-IR	Broadcast A/V, Industrial
4.0mm f/2.0	2 Megapixel Pro Prime IRC	V4704.0-2MP-VIS-IR	Broadcast A/V, Industrial
5.0mm f/2.0	2 Megapixel Pro Prime IRC	V4705.0-2MP-VIS-IR	Broadcast A/V, Industrial
6.0mm f/2.0	2 Megapixel Pro Prime IRC	V4706.0-2MP-VIS-IR	Broadcast A/V, Industrial
5.6mm f/2.0	High Res. Economy series	V4405.6-2.0-HR	General Purpose
8.0mm f/2.0	Hi Res. Economy series	V4408.0-2.0-HR	General Purpose
12.0mm f/2.0	Hi Res. Economy series	V4412.0-2.0-HR	General Purpose

VIDEO CABLES & POWER CABLE



SPECIFICATIONS

Imaging Sensor	1/3" Panasonic 2.2 Megapixel CMOS Sensor
Scannin System	Progressive Scan
Number of Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixels)
Number of effective Pixels	2010(H) x 1108(V) = 2,227,080 (pixels)
S/N Ratio	More than 50dB
HD-SDI Video Output Mode	Resolution specific to model#: 1080p(1920x1080)60/30/25, 1080i(1920x1080) 59.94/60/50, 720p(1280x720) 60/50
Analog Video Output Level	1.0Vp-p (75Ω, Composite) NTSC
Min. Illumination	0.5Lux (Color), 0.1Lux (8 B/W), 0.02Lux (Sens-up x30)
Lens	3 Megapixel 3.7mm Fixed HD Lens
Electronic Shutter Speed	Auto/FIk (NTSC: 1/30sec~1/50,000sec)
White Balance	AWB/AWC/Set/Manual/Indoor/Outdoor
Backlight Compensation	BLC/HSBLC/Off
D-WDR/ACCE	Low/Middle/High/Off
AGC	Low/Middle/High
Adjust	Sharpness/Monitor/LSC/NTSC/PAL
Language	English (Selectable)
Day & Night	Auto/BW/Color/EXT(Selectable)
2D/3D-NR	2DNR/3DNR/SMART NR

Digital Zoom/PIP	ON/Off (x2-x64)
Privacy Masking	On/Off (8 Zone Selectable)
Motion Detection	On/Off (3 Zone Selectable)
Defect	LIVE DPC/STATIC DPC
Sens-Up	On/Off (Selectable limit-X30)
D-EFFECT	Freeze/Mirror/D-Zoom/NEG.IMAGE
IR LED	-
Construction	Aluminum Die-Casting Case
Operating Temp	-10°C~50°C(14 °F~122°F)
Storage Temp	-20°C~60°C(-4°F~140°F)
Humidity	0% to 90%
Supplied Voltage	DC12V 10% ±10%
Power Consumption	Max.150mA
Dimensions (WxHxD)	36.5 mm x 36.5 mm x 31.7 mm (1.4" x 1.4" x 1.25")
Weight	50g
Certification	CE, FCC, RoHS, KCE