

Marshall

BROADCAST & PRO AV

CV228

All-Weather HD Lipstick Camera



3GSDI

LENS
OPTIONS

RS-485
CONTROL

IP67
WEATHER
PROOF

OVERVIEW

The **Marshall CV228 All-Weather Lipstick Camera** captures crisp, color accurate HD video from a next generation Sony sensor, wide 4.0mm (78.8°) lens and efficient precision processors. The feature rich CV228 is built into a durable all-weather cylinder-shaped body only 19.5mm in diameter and 3-meter breakout cable including 3GSDI, remote RS485 and 12V power. CV228 is built for rugged outdoor or dirty environments where dust, dirt, water, mud, and snow become a factor.

PRODUCT FEATURES

- Full-sized 3G/HDSDI (BNC) video output
- 2.5 Megapixel (1/2.8") sensor (4:2:2 color)
- Interchangeable 4.0mm lens with 85° Horizontal AOV
- 10-foot (3 meter) breakout cable with BNC (3GSDI), RS485, and locking 12V power
- Interchangeable M12 lens with IP67 cap includes stock 4mm lens (85°H. AOV)
- IP67-rated weatherproof housing; submerge in water up to 10-feet for several hours
- Full-HD resolutions: 1920x1080p, 1920x1080i and 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25 fps
- Remote adjustable through RS485 (Visca) or OSD menu joystick
- CV-RCP-V2 Touchscreen RCP compatible and free Camera Control Software option
- Wide range of picture adjustment settings including white balance, color, gain control, pedestal (blacks), white clip, exposure, gamma, and more

APPLICATIONS

The CV228 (3GSDI) is suitable for use in indoor and outdoor applications including live broadcast production, sportscast, newscast, concerts, reality television, corporate, government, courtroom, house of worship, education, and more.

SPECIFICATIONS

Imaging Sensor	2.2 Megapixel 1/2.8" sensor (4:2:2 color)
Total Pixels	1981 (H) x 1288 (V) / 2,551,528 (Pixels)
Active Pixels	1944 (H) x 1212 (V) / 2,356,128 (Pixels)
Pixel Size	2.75 (H) μ m x 2.75 (V) μ m
Scanning System	16:9 Progressive Scan
Video Output	3G/HD-SDI
Resolutions-Framerates	1920x1080p-60/59.94/50/30/29.97/25, 1920x1080i-60/59.94/50, 1280x720p-60/59.94/50/30/29.97/25
Horizontal TV	More than 1000 TVL
Lens Mount	3.6mm F2.0 M12 Mount - interchangeable w/o cap
Electric Shutter	Manual (1/30 or 1/25~1/30,000 sec) Auto White Balance AUTO/AUTO EXT/ PRESET / Manual (Red-Gain, Blue-Gain)
Mirror Image	Mirror, Horizontal or Vertical Flip
Operating / Storage Temp	-10°C~50°C
Operating Humidity	IP67 rated; ability to submerge in water up to 45 minutes at a time
Power Supply	12V DC 1.0A
Power	12v power supply, can operate 12V+/-10% with a 6 watt draw
Dimensions	19.5 (W) x 19.5 (H) x 62.5 (D)mm
Weight	Approx. 195g/0.42lbs with cable