

Marshall

BROADCAST & PRO AV

CV356-10X

Compact 10X Camera
(3GSDI & HDMI)



OVERVIEW

The Marshall CV356-10X is a versatile camera featuring a 10x optical zoom (with an additional 12x digital zoom), making it suitable for a wide range of professional applications. It provides simultaneous 3G-SDI and HDMI outputs, delivering crisp Full HD images at resolutions up to 1920x1080 and frame rates up to 60 fps.

Designed for flexibility, the Marshall CV356-10X excels in sports broadcasting, live events, and houses of worship. The camera now supports neutral close-up adapters and ND (Neutral Density) filters, expanding creative possibilities for close-up shots in diverse and challenging environments. This capability ensures reliable operation in bright, sunny conditions. Combining reliability, adaptability, and high performance, the CV356-10X is an excellent choice for demanding video production needs.

PRODUCT FEATURES

- 2.13 Megapixel 1/2.8" FHD sensor
- 10x optical zoom lens with additional 12x digital zoom
- Ring Adapter included perfect for any 49mm close-up lens and ND filters
- Up to 1920 x 1080p60 video output over SDI and HDMI simultaneously
- Audio input for embedding audio to video output
- Breakout cable with small joystick for quick OSD menu access
- VISCA over RS485 control
- 12VDC Power Supply Included
- Easy firmware upgrade in the field
- Standard 1/4"-20 mount hole for easy installation

SPECIFICATIONS

Sensor	Image Sensor	1/2.8" Progressive CMOS (Approx. 2.1 Megapixels)
	Effective Pixel	1920(H) x 1080(V)
	Pixel Size	2.9(μm) x 2.9(μm)
	Min. Illumination	0.1Lux (Day), 0.01Lux (Night), 0.001Lux(DSS on)
Optics	Lens	10x Optical Zoom, f=4.7-47 mm, F1.6 ~ F3.0
	Zoom	10x optical zoom / 12x digital zoom
	Angle of View(H)	57.7 degrees (wide end), 6.4 degrees (tele end)
	Min. working distance	100 mm (wide), 900 mm (tele)
Functions	Focus	Auto/ Manual
	White Balance	AWB(3,000°K~8,000°K) / ATW(1,900°K~11,000°K) / INDOOR / OUTDOOR / ONE PUSH / Manual
	Day & Night System	DAY, NIGHT, AUTO
	Electronic Shutter	NTSC: 1/30~1/10000, PAL: 1/25~1/10000
Video Outputs	HDMI	1920 x 1080p: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98
		1920 x 1080i: 60, 59.94, 50
		1280 x 720p: 60, 59.94, 50
	SDI	1920 x 1080p: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98
Audio	Input	3.5mm TRS Stereo Audio Jack over I/O Cable (Mic and Line)
		Sample Rate
	Control Interface	RS485
		SONY-VISCA protocol, PELCO-P/D
General	Operation Temp	0°C ~ 50°C
	Power Input	12VDC (7V to 15VDC)
	Power consumption	12v power supply, can operate 12V+/-10% with a 6 watt draw
	Weight	0.80 lbs (camera only)
	Dimensions	104.55(D) x 56 (W) x 56 (H) mm