Marshall
BROADCAST & **PRO AV**

CV355-10X

Compact 10X Camera (3GSDI & HDMI)





BACK

OPTICAL ZOOM | FULL HD | 3GSDI | HDMI | RS-485 CONTROL

OVERVIEW

Marshall **CV355-10X** features 10x optical (12x digital) zoom block and flexible 3GSDI/HDMI simultaneous outputs with clear HD images up to 1920x1080 at 60fps. Remote adjust and match settings include Iris, WB, Exposure, Pedestal, and many more over long distances or during setup with capable Auto settings that track environmental fluctuations.

APPLICATIONS

The CV355-10X is suitable for use in Broadcast, Production, Live Events, Sportscast, Government, Courtroom, House of Worship, College/ University, Front of Stage, Confidence, Observation applications.

PRODUCT FEATURES

- 2 Megapixel HD (16:9) Sensor (1/2.8")
- 10x Optical zoom (4.7~47mm) starting at 60° H.AOV
  - 12x Digital zoom
- 3GSDI, HDSDI, and HDMI simultaneous outputs
- 1920x1080p, 1920x1080i and 1280x710p
- 60, 59.94, 50, 30, 29.97, 25, 24 and 23.98fps
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)
- Audio Line input does not provide power to the audio device. Mic will use Mic Bias 1.7V and up to 3mA max current
- Includes 12v power supply, can operate 12V+/-10% with a 6 watt draw
- Hirose Breakout Cable included

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	0.01Lux (Day), 0.005Lux (Night)
Optics	Lens	10x Optical Zoom, f=4.7~47mm, F1.6 ~ F3.0
	Zoom	10x optical zoom / 12x digital zoom
	Angle of View (H)	60 degrees (wide end) to 6 degrees (tele end)
	Min. Working Distance	100 mm (wide open), 900 mm (tele end)
Functions	Focus	Auto/ Manual
	Exposure	Auto / Shutter Priority/ Iris Priority/ AGC Priority/ Manual/ Bright
	White Balance	Auto (3,000°K~8,000°K) / ATW (1,900°K~11,000°K) / Indoor/ Outdoor / One Push / Manual
	Light Modes	DAY (color), NIGHT (b/w), AUTO switch
	Electronic Shutter	NTSC: 1/30~1/10000, PAL: 1/25~1/10000
	Adjustable Features	Pedestal (Black Level), White Level, Privacy Mask, Image Mirror/Flip, Image Freeze, 2D/3D Noise Reduction, Edge Enhance, Defog, DIS (Digital Image stabilizer), Gamma Correct
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
	HDSDI Output	1920 x 1080i: 60, 59.94, 50 1280 x 720p: 60, 59.94, 50
Audio	Input	3.5mm TRS Stereo Audio Jack over I/O Cable (Mic and Line)
	Sample Rate	16/24/32 Bits
Control	RS485	SONY-VISCA protocols, PELCO-P/D
General	Operation Temp.	-10°C ~ 50°C
	Power Input	12VDC (7V to 15VDC)
	Power consumption	12v power supply, can operate 12V+/-10% w/6 watt draw
	Mass	0.80 lbs (camera only), 1.02 lbs (w/cable)
	Dimensions	104.55 (D) x 56 (W) x 56 (H) mm