

Marshall

BROADCAST & PRO AV

CV355-27X-ND3

HD60 27x with NDI®
(NDI HX2, NDI HX3) & 3GSDI



SPECIFICATIONS

Sensor	IMX317
Optical Zoom	27x
Digital Zoom	12x
Angle of view (H)	60°
Vertical Viewing Angle	35°
Diagonal Viewing Angle	68°
Aperture	F1.66~F4.98
Focal Length	f=5.56mm~150.29mm
Focus Distance	Wide: 1 m ~ ∞ / Tele: 1.5m ~ ∞
MTF	Wide: center 1100/corner 900 Tele: center 1100/corner 800
Field of View	Wide horizontal viewing angle=60° (+/-5%) Tele horizontal viewing angle=3.2° (+/-5%)
Minimum Environmental Illumination	10 lux
Stream	Dual Stream (Main/Sub)/ Webpage
Streaming Protocol	RTSP/ RTMP/ RTMPS/ SRT/ NDI (HX2/HX3)
Video Compression	HEVC (H.265) / AVC (H.264) / MJPEG
Audio Compression	G.711 / AAC
Preset	256
Preset Speed	NA
Focus System	Auto/ One-Push AF/ Manual
Electronic shutter	1/1 to 1/10000 sec
Exposure Control	Auto / Shutter Pri / Iris Pri / Manual
Gain Control	Auto, Manual
Brightness control	Yes
3D NR	Yes
WDR	Yes
Backlight Compensation	Yes
White Balance	Auto, Manual R/B Gain
Flip / Mirror	Yes
Firmware Update	Operation on Webpage
HDMI	1080p: 60/ 59.94/ 50/ 30 / 29.97/ 25 fps 1080i: 60/ 59.94 / 50 fps 720p: 60/ 59.94/ 50/ 30/ 29.97/ 25 fps
3G-SDI	1080p: 60/ 59.94/ 50/ 30/ 29.97/ 25 fps 1080i: 60/ 59.94/ 50 fps 720p: 60/ 59.94/ 50/ 30/ 29.97/ 25 fps
Stream	PTZ view 1080p : 60 / 59.94 / 50 / 30 / 29.97 / 25 fps 1080i : 60 / 59.94 / 50 fps 720p : 60 / 59.94 / 50 / 30 / 29.97 / 25 fps
Operating Temperature	0 °C to 40 °C
Storage Temperature	-20 to 60 °C

OVERVIEW

The CV355-27X-ND3 Optical Zoom NDI® (NDI HX2, NDI HX3) camera utilizes a professional grade 8.5-megapixel sensor to capture crisp HD video up to 1920x1080 at 60fps with support for all HD formats. Marshall's straight forward design and ease of use make this camera a valuable tool in a wide variety of broadcast and professional A/V applications.

FEATURES

- 8.5 Megapixel (1/2.5") HD sensor
- 27x Optical Zoom (5.56~150.29mm) & 12X digital zoom
- HOV Wide/Tele: 68° / 3.2°
- Resolutions and frame rates:
1080p 60/59.94/50/30/29.97/25 fps
1080i 60/59.94/50 fps
720p 60/59.94/50/30/29.97/25 fps
- Supports NDI HX2 and HX3
- NDI/IP, 3G/HD-SDI, and HDMI simultaneous outputs
- Switchable NDI and IP output
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough