Marshall

BROADCAST & **PRO AV**

CV320

Compact Full HD Camera
IP & 3GSDI



CS/C lens mount
sold separately

tvtech
BEST OF SHOW
AT IBC 2026
WINNER



BACK

SRT READY | 3GSDI | IP H.265 HEVC | PoE | LENS OPTIONS | HEVC

OVERVIEW

The **Marshall CV320** compact network streaming POV camera is built around a HD sensor with a CS/C lens mount suitable for longer shots. The compact CV320 delivers exceptional 10 bit 4:2:2 HD video performance via 3GSDI and Ethernet IP interface supporting the ultra-efficient SRT, HEVC codecs from a durable aluminum alloy built with rear I/O protection wings. The HD sensor offers clear and rich color accurate video with improved low light sensitivity, refined remote adjust capability and flexible interchangeable CS lenses.

PRODUCT FEATURES

- 2.12 megapixel 1/2.86" FHD sensor
- Flexible interchangeable CS & C lens mount *(Lens sold separately)*
- Up to FHD 1920 x 1080p60 over 3G-SDI and IP simultaneously
- Support multiple streaming protocols including RTSP, RTMP, SRT with H.264 and HEVC codecs
- Audio input for embedding audio to video output *(Audio only embeds to IP output)*
- A small joystick on the included breakout cable allows quick access to OSD Menus
- Remote adjust & match via VISCA over RS485, VISCA over IP and camera web GUI
- Powered with included 12VDC power supply or PoE over CAT cable
- Easy firmware upgrade in the field
- Industrial standard 1/4"-20 mount hole

SPECIFICATIONS

Sensor	Image Sensor	1/2.8" Progressive CMOS (Approx. 2.1 Megapixels)
	Scanning System	16:9 Progressive
	Sync. System	Internal
	Effective Pixel	1920(H) x 1080(V)
	Min. Illumination	0.01Lux (Day), 0.005Lux (Night)
Optics	Lens	CS Mount Compatible
Functions	Back Light Comp	WDR, BLC
	Exposure	Auto / Manual
	White Balance	AUTO / Manual / Indoor / Outdoor / One Push / AUTO Tracking(ATW)
	Day & Night System	Day / Night:TDN(ICR)
	Electronic Shutter	1/30~1/10000
	Functions	Image Mirror/Flip, 2D+3DNR, Anti Flicker
Ethernet	IP Protocols	SRT, RTMP, RTSP
	Video Encode Format	H.264 / H.265 (Note: RTMP supports only H.264)
Video Output	Interfaces	3G-SDI, Ethernet
Output Resolution	IP	1080p25/29.97/30/50/59.94/60, 720p25/29.97/30/50/59.94/60
	3G-SDI	1080p23.98/24/25/29.97/30/50/59.94/60, 1080i50/59.94/60, 720p25/29.97/30/50/59.94/60
Audio Input	Line level	22.05kHz, 44.1kHz sample rates
Control	Network	Web GUI / VISCA over IP
	Terminal Block	VISCA over RS485
General	Operation Temp	0°C ~ 50°C
	Power Input	12VDC (10V to 13.5VDC),
	Power consumption	12VDC: 3.12W, POE:TBD
	Dimensions	113.54mm(L) x 64mm(W) x 53mm(H) (no lens)
	Weight	0.85 lbs (without lens)