

Marshall

BROADCAST & PRO AV



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MINIATURE HD CAMERAS

CV228

ALL-WEATHER HD LIPSTICK CAMERA

- Full-sized 3G/HDSI (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
- IP67-rated weatherproof housing; submerge in water up to 10 ft for several hours
- Full-HD resolutions: 1920x1080p, 1920x1080i and 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25 fps
- Wide range of picture adjustment settings including white balance, color, gain control, pedestal (blacks), white clip, exposure, gamma, and more



MINIATURE HD CAMERAS



IP 67 WEATHER PROOF

CV504-WP ALL-WEATHER MICRO CAMERA (3GSDI)

- 2.2 Megapixel Sony sensor with square pixel array and larger pixels has a Solid State Image Sensor
- Interchangeable M12 lens mount, comes with 4.0mm - 85° H.AOV lens
- 10-foot (3 meter) weatherproof IP67 breakout cable to BNC, RS485, power
- 3GSDI (10bit, 4:2:2, BT.709) reliability with remote adjust and match capability
- 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps



CV504 MINIATURE FULL-HD CAMERA 3GSDI

- 2.2 Megapixel Sony sensor with square pixel array
- Interchangeable M12 lens mount; comes with a 4.0mm - 85° Horizontal AOV
- 3GSDI (BNC) 10bit, 4:2:2, BT.709 with remote adjust & match
- 1920x1080p, 1920x1080i & 1280x720p resolutions selectable
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps
- Locking Hirose cable (included) for OSD menu joystick, RS485, AUDIO and power



CV508 MICRO POV CAMERA HDMI & 3GSDI

- 2.2 Megapixel Sony sensor with square pixel array and larger pixels
- Interchangeable M12 lens mount; comes with a 4.0mm - 85° Horizontal AOV
- 1920x1080p, 1920x1080i & 1280x720p resolutions selectable
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps
- Locking Hirose cable (included) for OSD menu joystick, RS485, AUDIO and power



CV566 MICRO GENLOCK CAMERA 3GSDI & HDMI

- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Tri-Level Sync (Genlock) for quick, smooth transitions
- Interchangeable M12 lens mount includes stock 4.0mm lens (85° AOV)
- HD resolutions: 1920 x 1080p, 1920 x 1080i, and 1280 x 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps
- Color Matrix function: Style, Master Level, Master Phase, Color Level and Color Phase



MINIATURE HD CAMERAS

CV568

MINIATURE GLOBAL SHUTTER CAMERA WITH GENLOCK (3GSDI & HDMI)

- 3.2 Megapixel (1/1.8") Global Shutter sensor
- Tri-Level Sync (Genlock) for quick, smooth transitions
- HD resolutions: 1920 x 1080p, 1920 x 1080i, and 1280 x 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps
- Interchangeable M12 Lenses - 4.4mm (84° AOV) standard
- Color Matrix function: Style, Master Level, Master Phase, Color Level, Color Phase



MINIATURE HD NDI® HX3 CAMERAS

CV574

MINIATURE UHD CAMERA NDI® HX3 & HDMI

- 8.5 Megapixel 1/2.8" Sony solid-state image sensor
- Interchangeable M12 lens mount comes with 4.0mm - 85° H.AOV lens
- 3840x2160p, 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Frame rates: 60, 59.94, 50, 30, 29.97, 25fps
- HDMI + network support for NDI|HX3, HEVC, SRT, RTSP, MPEG-TS and other IP streaming codecs



CV570

MINIATURE POV CAMERA NDI® HX3 AND HDMI

- 2.2 Megapixel Sony sensor with larger pixels and square pixel array
- Interchangeable M12 lens mount comes with 4.0mm - 85° H.AOV lens
- HDMI + network support for NDI|HX3, HEVC, SRT, RTSP, MPEG-TS and other IP streaming codecs
- 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps



CV346

COMPACT HD CAMERA 3GSDI & HDMI

- 2.5 Megapixel (1/2.8") sensor (4:2:2 color)
- Flexible CS/C Lens Mount (lens sold separately)
- HD resolutions: 1920 x 1080p, 1920 x 1080i, and 1280 x 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps



CS/Mount Lens Sold Separately



COMPACT HD/UHD/4K CAMERAS



CS/Mount Lens
Sold Separately



CV366

COMPACT GENLOCK CAMERA 3GSDI & HDMI

- 2.5 Megapixel (1/2.8") sensor (4:2:2 color)
- Tri-Level Genlock Sync for quick and seamless transitions
- HD resolutions: 1920 x 1080p, 1920 x 1080i, and 1280 x 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps
- Color Matrix function:
Style, Master Level, Master Phase, Color Level, Color Phase



CS/Mount Lens
Sold Separately



CV368

COMPACT GLOBAL CAMERA WITH GENLOCK (3GSDI & HDMI)

- 3.2 Megapixel (1/1.8") Global Shutter sensor
- Tri-Level Sync (Genlock) for quick, smooth transitions
- HD resolutions: 1920 x 1080p, 1920 x 1080i, and 1280 x 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps
- Color Matrix function:
Style, Master Level, Master Phase, Color Level, Color Phase



CS/Mount Lens
Sold Separately



CV380-CS

COMPACT 4K30 CAMERA 6GSDI & HDMI

- 6G-SDI (single BNC) & HDMI 1.4 outputs
- 8.5 Megapixel (1/2.5") sensor (4:2:2)
- CS/C-mount for Varifocal or Fixed lenses
- True-4K: 4096 x 2160p @ 30, 29.97, 25, 24, 23.98 fps
- Ultra-HD: 3840 x 2160p @ 30, 29.97, 25, 24, 23.98 fps
- HD (Progressive): 1080p / 720p @ 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 fps
- HD (Interlaced): 1920 x 1080i @ 60, 59.94, 50 fps



CV355-10X

COMPACT 10X CAMERA (3GSDI & HDMI)

- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- 10x Optical zoom (4.7~47mm) starting at 60° H.AOV
- Resolutions: 1920x1080p, 1920x1080i & 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps



COMPACT HD/UHD/4K NDI® HX3 CAMERAS

CV355-30X-NDI

HD60 30X WITH NDI® HX2 & 3GSDI

- 8 Megapixel (1/2.5") UHD sensor up to 3840x2160p60fps
- 30X Optical Zoom (4.6-135mm) starting at 68° H.AOV – 12x Digital
- HDMI & IP (HEVC) triple-stream simultaneous outputs
- Resolutions: 3840x2160p, 1080p, 1080i & 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- RS232 and 3.5mm audio input with pass through



CV370

COMPACT POV CAMERA NDI® HX3 & HDMI

- 2.2 Megapixel Sony sensor with larger pixels and square pixel array
- HDMI + network support for NDI|HX3, HEVC, SRT, RTSP, MPEG-TS and other IP streaming codecs
- One-cable to camera option for power (PoE), video, audio, and remote setting control
- 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98fps



CS/Mount Lens
Sold Separately

CV420Ne

COMPACT 4K60 STREAM CAMERA NDI® HX3, HDMI & USB

- Sony 1/1.8" 4K sensor
- 9.2 million pixels with large pixel size
- 4.5mm lens with 100° H.AOV (no curvature) + 2x clear digital zoom
- ePTZ maneuverable with HD images
- within UHD sensor with savable presets
- Video output up to 3840x2160p at 60fps, 1080p, 1080i & 720p
- Low Light sensitivity (0.05 Lux) and wide dynamic range.



COMPACT HD/UHD/4K CAMERAS

CV420e

COMPACT 4K60 STREAM CAMERA WITH IP, HDMI & USB

- Sony 1/1.8" 4K sensor
- 9.2 million pixels with large pixel size
- 4.5mm lens with 100° H.AOV (no curvature) + 12x clear digital zoom
- ePTZ maneuverable with HD images within UHD sensor for FOV adjustment
- Video output up to 3840x2160p at 60fps, 1080p 1080i and 720p
- Multiple IP simultaneous streams (HEVC + 2x H.264)
- Low Light sensitivity (0.05 Lux) and wide dynamic range
- Video output options of USB + HDMI or IP + HDMI





CS/Mount Lens
Sold Separately



CV374

COMPACT 4K CAMERA NDI® HX3 & HDMI

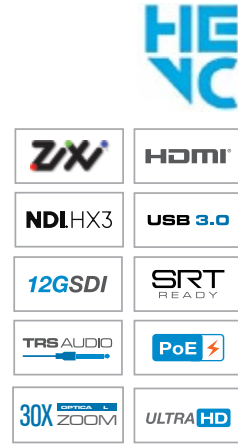
- 8.5 Megapixel 1/2.8" Sony UHD solid-state image sensor
- 3840x2160p, 1920x1080p, 1920x1080i & 1280x720p resolutions available
- Frame rates: 60, 59.94, 50, 30, 29.97, 25fps
- HDMI + network support for NDI|HX3, HEVC, SRT, RTSP, MPEG-TS and other IP streaming codecs
- 1 cable to camera for power, video, audio, & remote setting control



PTZ CAMERAS

CV730-BHN/WHN
30X UHD60 NDI® PTZ CAMERA

- 9.2 million pixel UHD Sensor (1/1.8") with Sony square pixel array
- 30x Optical zoom (6.5mm~202mm) starting at 65° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds
- 12GSDI, 3GSDI, HDMI2.0, NDI|HB, NDI|HX3 or IP (SRT/HEVC)
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i and 1280x720p
- All frame rates have access to 59.94, 50, 29.97, 25fps frame rates
- 3.5mm TRS Stereo Audio over I/O cable
- Low-light performance – 0.05 lux (F1.6, 50IRE)



CV730-BK/WH
30X UHD60 IP (HEVC) PTZ CAMERA

- 8.5 Megapixel UHD Sensor (1/1.8")
- 30x optical zoom (6.5mm~202mm) starting at 65° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)
- 12GSDI, HDMI2.0, USB3.0 and IP (SRT/HEVC) simultaneous outputs
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to UHD60 and HD60



CV630-IP/IPW
30X UHD30 IP (HEVC) PTZ CAMERA

- 8.5 Megapixel (1/2.5") UHD sensor
- 30x optical zoom (4~135mm) starting at 70° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to UHD60 and HD60
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)



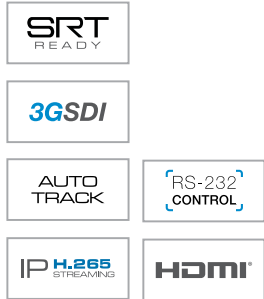
CV620-BI/WI
20X FULL-HD60 IP PTZ CAMERA

- 2.5 Megapixel (1/2.8") HD sensor
- 20x optical zoom (5mm~110mm) starting at 63° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)
- IP (H264), 3GSDI and HDMI simultaneous outputs
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60



PTZ CAMERAS

Available in black



CV620-TBI/TWI

20X AI TRACK & FOLLOW PTZ CAMERA

- 2 Megapixel HD Sensor (1/2.8") – 1080p & 720p (progressive), 1080i (interlaced)
- 60, 59.94, 50, 29.97, 25 frames per second in all resolutions
- 3GSDI, HDMI and IP (H.264) simultaneous outputs
- 20x optical zoom (5.3mm~110mm) starting at 60° H.AOV
- 340° pan and 120° tilt range with selectable PTZ maneuver speeds
- Commands via Free-D, CGI, Visca over IP/RS232/RS422 ONVIF
- IP formats: DHCP, DNS, HTTP, HTTPS, NTP, RTSP, TCP, SRT, MPEG-TS, RTMP, RTMPS



CV605-BK/WH

5X HD60 3GSDI/IP PTZ CAMERA

- 2 Megapixel (1/3") HD sensor
- 5x optical zoom (3mm~15mm) starting at 85° H.AOV
- 3GSDI and IP (HEVC/H.265/H.264) simultaneous outputs
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60



CV605-U3/U3W

5X HD60 USB-C/IP/HDMI PTZ CAMERA

- 2 Megapixel (1/3") HD sensor
- 5x optical zoom (3mm~15mm) starting at 85° H.AOV
- USB-C, HDMI and IP (HEVC/H.265/H.264) simultaneous outputs
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60



Available in white



CV730-ND3/ND3W

30X UHD60 NDI® HX3 PTZ CAMERA

- 9.2 Megapixel Sony UHD sensor (1/1.8")
- 30x optical zoom (6.5mm~202mm) starting at 65° H.AOV
- Smart Auto-Focus System; AI-enabled focus ensures faces stay in focus
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)

- 12G/6G/3G-SDI, HDMI2.0, USB3.0 and NDI®|HX3. Simultaneous outputs
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to 4K60 and HD60



PTZ CAMERAS

CV730-NDIW
30X UHD60 NDI® PTZ CAMERA

- 8.5 Megapixel (1/1.8") UHD sensor
- 30x optical zoom (6.5mm~202mm) starting at 65° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)
- 12GSDI, HDMI2.0, USB3.0 and NDI |HX simultaneous outputs
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to UHD60 and HD60

Available in black



NDI.HX3	ULTRA HD	12GSDI	USB 3.0	TRS AUDIO	PoE++	HDMI	RS-232 CONTROL
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CV630-NDI/NDIW
30X UHD30 NDI® PTZ CAMERA

- 8.5 Megapixel (1/2.5") UHD sensor
- 30x optical zoom (4~135mm) starting at 70° H.AOV
- 340° pan & 120° tilt range with select-able transition speeds (5~300° per second)
- 3GSDI, HDMI and NDI |HX simultaneous outputs
- 3840x2160p (UHD), 1920x1080p (HD), 1920x1080i (HD & 1280x720p
- 59.94, 50, 29.97, 25fps options up to UHD60 and HD60

Available in white



30X OPTICAL ZOOM	12GSDI	USB 3.0	TRS AUDIO	PoE++	RS-232 CONTROL	HDMI	NDI.HX3	ULTRA HD
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CAMERA HARDWARE & ACCESSORIES

CV-RCP-V2
MULTI-CAMERA CONTROL TOUCHSCREEN RCP

- Easily convert to fiber using common fiber media converters for much longer distances.
- Seven cameras are select-able from ALL screen menus with intuitive navigation layout.
- Global or individual camera adjustment capability without OSD (On-screen Display) Menu appearing on video stream.
- Adjust Red/Blue, Pedestal (Black-levels), Brightness (AE Offset), Gain, Gamma, Iris, Shutter, Saturation, Hue, Optical/Digital Zoom, Pan-Tilt, Focus, and more.
- Rugged machined aluminum enclosure provides durability while a larger 5-inch





VS-PTC-200

COMPACT PTZ CAMERA CONTROLLER

- Joystick (4D) allows simultaneous control over Pan, Tilt, Zoom & Focus
- 128 Preset locations with smooth adjustable transition speeds
- One touch control over Brightness, Back Light, Mirror/Flip, Freeze Capture
- Full Duplex RS-232 & RS-422 Communication Interface
- VISCA or PELCO setup available via RS422/RS232
- Suitable for [Marshall CV605](#), [CV610](#), [CV612](#), [CV620](#), [CV630](#)
- Compact Design - Dims 7.87"(L) x 4.72"(W) x 4.06"

VS-PTC-300

PTZ CAMERA IP/ NDI® CONTROLLER



- Simultaneously control via IP, NDI, RS232/RS422 or IP, USB, RS232/RS422
- Protocol support: VISCA, PELCO D/P, ONVIF, NDI, and VISCA over IP
- High-quality joystick allows for effortless, one-handed pan, tilt, and zoom adjustments
- Tactile feel with professional rocker /seesaw switch for zoom control
- Automatically search available IP/NDI cameras in a network and assign IP addresses easily
- Supports RTSP and NDI Preview on 3" LCD Screen
- Tally Indicator: Includes Normal Tally/ On-Air Tally/Contact Modes
- Quick control of exposure, shutter speed, iris, compensation, white balance, focus, pan/tilt speed, zoom speed

VAC-23SHUC

HDMI/SDI TO USB CONVERTER



- The 3G SDI input accepts SD/HD formats up to 1080p50/60
- The HDMI input accepts SD/HD up to 1080p50/60 and 4K up to 4096x2160@30fps
- USB-C output video format is controlled by the application running on the PC. Depending on the application's settings and limitations, outputs up to 3840x2160@30fps are possible.
- Output audio sampling rate defaults to 48KHz
- Stereo audio input via 3.5mm jack
- Backwards compatible to USB 2.0 (limited to 1280x720p30 max)

HD/UHD/4K MP VARIFOCAL LENSES MEGAPIXEL CS MOUNT LENSES (MANUAL & AUTO IRIS)



HD/UHD/4K MP Varifocal Lenses are designed to deliver clear, crisp images with high optical MTF performance. High accuracy aspherical lens elements, low-dispersion, and high refractive-index glass best suited for high performing color 1/3-1/2" HD sensors.

CAMERA HARDWARE & ACCESSORIES



Camera not included.



**CV-PT-HEAD
MICRO PAN/TILT HEAD**

- Smooth simultaneous pan & tilt movements
- 350° horizontal pan range
- 360° vertical tilt range
- Durable IP65 weatherproof body
- Standard 1/4"-20 mount access from bottom
- PT Head comes with patch-cable from base to camera



CV-MICRO-J2 CONTROLLER

For seamless plug-and-play, use the ultra-affordable CV-MICRO-J2 with full sized joystick controller (sold separately) providing great flexibility in an ultra-small package, Step-up options are available.



**RS7-HR
RS232 / RS422 HOME RUN (1 TO 7) EXTENDER**

- Splits one Cat (RJ45) control cable to 7 cameras via Home Run.
- Easy and clean setup from Marshall Controllers (VS-PTC-IP, VS-PTC-200) and others.
- Extends usable RS232 Cat cable runs for control of cameras to 100m from controller to RS7-HR box and another 100m to each of seven camera locations (200m total). Using RS422 it extends (300m + 300m for a total of 600m).
- Easy access dip switches to switch between RS232 and RS422.

Rack Mount Kit Included



**CV-BATT-PAC
PORTABLE CAMERA POWER KIT**

- Rugged, all-metal construction
- Supplies up to 3 hours of power under most operating conditions
- Allows for instant battery swaps in the field
- Includes 7.2V Canon battery and battery charger
- Suitable for use with all Marshall Miniature and Compact HD Cameras

CAMERA MOUNTS AND SOLUTIONS

CVM-25

COMPACT LIGHT WEIGHT 58" FLOOR TRI-POD

- Fully extended reaches 58"
- Maximum Load = 3 kilograms
- 3 level leg adjustments and rubber non-slip swivel feet for maximum stability.
- Desktop measurement 18.5"
- Zipper bag (included)
- 2 bubble level indicator



1/4"-20" Compact Camera Stands & Mount Solutions

Cameras not included.

CVM-14

TABLE-TOP TRIPOD STAND

Adjustable, sturdy tripod mount designed for POV cameras with swivel head and adjustable height (1/4"-20). Enables you to get precise viewing angles even under the toughest conditions.



CVM-19

1/4"-20 WALL MOUNT PLATE WITH SCREWS

1/4"-20 Wall Mount Plate with screws
Wall mount plate with four (4) mounting screws is designed to be used with any Marshall 1/4"-20 Articulating Arms (CVM-7 & CVM-11), Gooseneck (CVM-13), Flexible Arm (CVM-4), or any 1/4"-20 male to male mount solution..



CVM-16

PRO-STYLE TRIPOD STAND

Balanced tripod with extending legs and fully-adjustable and locking mount head. Can be extended using the CVM-17 for additional height. (1/4"-20).



CVM-18

CLAMP WITH ADJUSTABLE CAMERA MOUNT

Adjustable clamp (3" max pole width) with removable swivel ball mount (1/4"-20) for mounting Marshall miniature and compact cameras on trusses, railings, and poles.

- Max Length: 4.5"
- Max Load Weight of Ball Mount: Up to 6 lbs.



WEATHERPROOF CAMERA HOUSING

**CV6XX-DH
OUTDOOR DOME HOUSING**

- Secure weatherproof housing for **CV630 and CV620 Series PTZ Cameras**
- IK10 Vandal proof compliance enclosure
- Die cast aluminum compliance enclosure
- 9" dome housing with 118mm transparent cover.
- Wall Mount Arm 360° Swivel - 90° Tilttable
- Built in heater and blower
- Compatible Cameras:
CV630-NDI CV630-NDIW CV630-IP CV630-IPW
CV620-BI CV620-WI CV620-TBI CV620-TWI
- Fits camera size (mm): 174(W) x 185.5 (H) x 186.5mm (L)
- Seamlessly connects with weatherproof **CV-H20-PWR** power supply 110v, 240v switchable



CV-H20-PWR
OPTIONAL WEATHER PROOF
POWER SUPPLY



CV-H20-PWR
OPTIONAL ARM FOR WALL MOUNTING
to be used without **CV-H20-PWR**

**CV-H20-HF
COMPACT WEATHERPROOF CAMERA HOUSING
WITH FAN & HEATER**

- Built-in Heater, Fan, and attachable Sun-hood
- Suitable for any of the Marshall Compact Cameras, part#:
CV420-30X-IP, CV420-30X-NDI, CV355-30X-IP, CV355-30X-NDI, CV355-10X, CV344, CV346, CV366, CV368
- Top open access for easy installation & service
- Fits Camera Size (mm): 108 (W) x 75 (H) x 180 (L)
- Overall Housing Size (mm): 157 (W) x 130 (H) x 340 (L)



Power Supply Not Included.

**CV-H20-HFL
COMPACT WEATHERPROOF EXTENDED
CAMERA HOUSING WITH FAN & HEATER**

- Suitable for any of the Marshall Compact Cameras part# CV420-CS, CV420-18X and CV420-30X
- Top open access for easy installation & service
- Fits Camera Size (mm): 89 (W) x 85 (H) x 300 (L)
- Overall Housing Size (mm): 157 (W) x 130 (H) x 460 (L)
- Wall Mount Arm 360° Swivel - 90° Tilttable



Power supply not included.

DIGITAL AUDIO MONITORS

AR-DM61-BT-64DT

MULTICHANNEL DIGITAL AUDIO MONITOR WITH DANTE / AES67

- 10-inch LCD intuitive touchscreen panel displays up to 64 channels vertical, or switch to 96-step high precision horizontal bars
- Special LKFS bars provides weighted display for group of channels
- Built-in live video preview monitor
- Accepts multiple signal types including: Dante, MADI, 3G SDI, AES3, balanced analog Dolby decoding from any encoded pair
- High-powered stereo speakers (up to 100 dB output)
- Dedicated push-to-mute button
- Slim 1 RU design
- Built-in web server makes it convenient to setup and customize
- Software upgradable "future-proof" platform



3GSDI

Dante™

DOLBY

(((SUPER LOUD)))

AR-DM61-BT

SAME FEATURES AS THE ABOVE MONITOR WITHOUT DANTE MODULE



3GSDI

HDMI

(((SUPER LOUD)))

AR-DM51-B

16-CHANNEL AUDIO MONITOR

3GSDI

HDMI

(((SUPER LOUD)))



- SDI, HDMI, analog XLR, analog RCA inputs
- Built-in live preview monitor (from HDMI or SDI source)
- One-button mix down for 5.1 and 7.1 to stereo
- Analog XLR input converts to AES output
- Powerful 100dB speakers for noisy environments
- Remote control via Ethernet

ANALOG AUDIO MONITOR

AR-AM4-BG2

ANALOG AUDIO MONITOR

12V DC power supply included.



- 4 analog balanced XLR stereo inputs
- 2 analog balanced XLR outputs
- Two powerful speakers
- LED VU display shows audio input activity
- Remote control via RS-232
- Headphone jack
- Press volume knob for instant mute
- 1 RU design

BROADCAST AUDIO MONITOR MODULES

The following modules fit Marshall AR-DM21, 21B, 22B, 31, 31B, & 32B Audio Monitors

ARDM-3GSDI

3G SDI/HDSDI INPUT WITH LOOP-THROUGH AUDIO MODULE

- Extracts audio from incoming video
- 3G/HD/SD-SDI Input carries up to
- 16 audio channels (8 channel pairs)
- 3G/HD/SD-SDI re-clocked
- Loop-through output
- Supports SMPTE 259-C, 292M, and SMPTE 424M, 425M with SMPTE 352M Payload
- Supports DOLBY multi channel decoding (with optional Dolby module)



ARDM-AES-BNC

PROVIDES FOUR AES/EBU BNC INPUTS

- Each stream carries 2 channels (stereo pair) or 5.1 Dolby encoding
- Coaxial (BNC) interface. 75-ohm unbalanced
- Supports DOLBY multi channel decoding (with optional Dolby module)



ARDM-AES-XLR

PROVIDES FOUR AES/EBU OUTPUT STREAMS

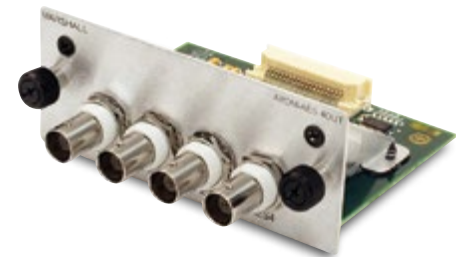
- Supports 4 AES/EBU channel pairs (8 channels)
- Includes breakout cable to four XLR 3-pin input connectors, four XLR 3-pin output connectors
- Passive loop out of 4 AES/EBU channel pairs
- Supports DOLBY multi-channel decoding (with optional Dolby module)



ARDM-AES-4OUT

PROVIDES FOUR AES/EBU OUTPUT STREAMS

- Supports 4 AES/EBU channel pairs (8 channels)
- Coaxial (BNC) 75-ohm unbalanced outputs



ARDM-AA-8XLR

PROVIDES EIGHT BALANCED ANALOG INPUTS VIA 25-PIN DSUB

- Tascam pinout format
- Breakout cable included. 8 XLR female connectors
- Supports nominal references levels 0, +4, +6, +8 dBu for -20 dB full scale



Visit www.marshall-usa for special pricing on these products

RACKMOUNT VIDEO MONITORS

ML702 7" DUAL SCREEN RACKMOUNTABLE MONITOR WITH 3G-SDI, HDMI, CVBS INPUTS



- SDI, HDMI and composite inputs with active loop throughs
- Focus peaking, framing markers, image flip
- Audio bars, front panel headphone jacks
- On-screen tally borders, GPI or network activated
- Ethernet control

V-702W

7" DUAL SCREEN RACKMOUNTABLE MONITOR WITH 3G-SDI, HDMI, CVBS INPUTS



- SDI, HDMI inputs with active loop throughs
- Focus peaking, markers, image flip
- Audio bars, front panel headphone jacks
- On-screen tally borders. GPI activation
- Only 2RU tall (3.5")

V-702W-12G

SAME AS V-702W PLUS SDI INPUT. ACCEPTS 12G / 4K FORMATS. GREAT FOR 4K REMOTE PRODUCTION.

ML-503 5" RACKMOUNTABLE MONITOR WITH 3G-SDI, AND HDMI



- SDI, HDMI inputs with active loop throughs
- Focus peaking, framing markers, image flip
- Audio bars, front panel headphone jacks
- On-screen tally borders, GPI or network activated
- Ethernet control

ML-454-V2

QUAD 4.6" SCREENS RACKMOUNTABLE MONITOR WITH HDMI, 3G-SDI, & COMPOSITE INPUTS



- SDI, HDMI inputs with active loop throughs
- Focus peaking, markers, image flip
- Audio bars, front panel headphone jacks
- On-screen tally borders
- GPI activation
- Only 2RU tall (3.5")

BROADCAST VIDEO MONITOR 24"

V-LCD241MD

24" FULL RESOLUTION 1920 X 1080 RACKMOUNT MONITOR WITH MODULAR INPUT, WAVEFORM OVERLAY, AUDIO BARS, LOUD SPEAKERS AND HDMI LOOP-OUT

- Full HD 1920 x 1080 display
- HDMI input / output standard
- Modular design. Allows addition of 3GSDI input
- Waveform monitor at the push of a button
- Audio meter bars overlay
- Built-in speakers and headphone jack
- Rugged 4-pin XLR power connector
- Three color (Red, Yellow, Green) Tally LED's



Desktop Stand Included



V-LCD241MD-3G

SAME FEATURES AS ABOVE. INCLUDES THE BASE UNIT WITH A PRE-INSTALLED MD-3GE MODULE.

CAMERA VIDEO MONITOR



Power adapter included

V-LCD70-AFHD

7" HIGH RESOLUTION 1024 X 600 LIGHTWEIGHT CAMERA-TOP MONITOR WITH MULTIPLE INPUTS

- Multiple inputs including HDMI, 3GSDI, component and composite
- Three color tally (Red, Yellow, Green)
- 1/4-inch threaded mounting on 4 sides plus VESA mount
- Light weight for comfortable camera top use
- Audio level display from HDMI or SDI inputs
- On-screen framing marks
- 4-pin XLR for ENG power supplies

V-LCD70-AFHD-SL

Same features as above.
Fits Sony SL mount.

VSW-2000

4X1 3G-SDI VIDEO SWITCH

- Rapidly routes any of four 3G-SDI inputs to single 3G-SDI output
- Output is re-clocked and cable equalized
- No insertion delay. Inputs are passed directly to the output and are not scaled or converted
- Compact size takes minimum desk or shelf space



AC power supply included

- Can be run from USB sources using USB to 5.5mm adapter cable (available from multiple sources)
- Power: 5-volt @ 250 milliamps fully loaded (can run all day on 10,000 mAH phone charger battery)



VDA-104-3GS-2

1X4 3G-SDI DISTRIBUTION AMPLIFIER

- Supports 270Mb/s, 1.485Gb/s, and 2.97Gb/s data rates
- Supported video formats:
 - SD: 480i/59.94 "NTSC", 576i/50 "PAL"
 - HD: 720p/24, 25, 30, 50, 59.94, and 60 1080i/50, 59.94, and 60
 - 1080p/24, 25, and 30
 - 3G: 1080p/50, 59.94 and 60. Supports Level A and B
 - 2K: 2048x1080p/24 and 30
- Passes all ancillary data
- Reclocking function reshapes the signal to improve transmission distance
- Video format LED indication



VDA-108-3GS

1 X 8 3G/HD/SD-SDI RECLOCKING DISTRIBUTION AMPLIFIER

- 3G/HD/SD serial digital distribution
- Eight separately buffered and reclocked outputs
- Dual color LED indication of input lock and rate
- Supported Video Formats:
 - 480i/59.94 "NTSC", 576i/50 "PAL"
 - 720p / 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, and 60
 - 1080i/50, 59.94, and 60
 - 2048x1080p/24 and 30 "2K"
- Supports Level A and B
- Passes all ancillary data
- Less than 1.25 watts fully loaded

VIDEO CONVERTERS

VAC-23SHUC

HDMI / SDI TO USB-C (3.0) CONVERTER



- The 3G SDI input accepts SD/HD formats up to 1080p/50/60
- The HDMI input accepts SD/HD up to 1080p/50/60 and 4K up to 4096x2160@30fps
- USB-C output video format is controlled by the application running on the PC.
- Outputs up to 3840x2160@30fps are possible.
- Output audio sampling rate defaults to 48KHz
- Stereo audio input via 3.5mm jack
- Backwards compatible to USB 2.0 (limited to 1280x720p/30 max)
- Supported operating systems:
 - Windows 10, 11, Mac OS
- Plug + Play operation

VIDEO CONVERTERS

VAC-12HUC

HDMI TO USB-C (3.0) CONVERTER

- The HDMI input accepts SD/HD up to 1080p50/60 and 4K up to 4096x2160@30fps
- USB-C output video format is controlled by the particular application running on the PC
- Outputs up to 3840x2160@30fps are possible
- Output audio sampling rate defaults to 48KHz
- Stereo audio input via 3.5mm jack
- Backwards compatible to USB 2.0 (limited to 1280x720p30 max)



VAC-12SH

3G/HD/SD SDI TO HDMI CONVERTER WITH LOOP OUT

Supported formats:

- NTSC 525@59.94, PAL 625@50, 720p@50, 720p@59.94, 720p@60, 1080i@50, 1080i@59.94, 1080i@60, 1080p/pSF@23.98, 1080p/pSF24, 1080p@25, 1080p@29.97, 1080p@30, 1080p@50, 1080p@59.94, 1080p@60
- Bit Rate: 2.97 Gbps, 2.967 Gbps, 1.485 Gbps, 1.4835 Gbps, 270 Mbps
- Auto 3G-SDI/HD-SDI detection
- Supports HDMI Deep Color
- One SDI compliant output and one HDMI compliant output



ENCODER

VS-103E-3GSDI

1080P 3G SDI ENCODER WITH EMBEDDED AUDIO

- Supports 60fps at 1920 x 1080 resolution
- 3G-HD/SD-SDI, HDMI and composite video inputs
- Encodes Audio Embedded from HD/SD-SDI & HDMI inputs
- Dual streaming (H.264/H.264, H.264/MJPEG)
- MPEG2-TS supported
- Two-way audio communication (G.711, AAC)
- HD/ SD-SDI, HDMI & analog input audio
- Over 30 types of PTZ protocol supported
- Compliant with ONVIF, PSIA
- Encodes 2 channels of embedded Audio from HDMI or HDSDI input
- PoE (Power Over Ethernet 802.3af)



BROADCAST AUDIO ACCESSORIES

AP-DB25-XLRM-05

5 FOOT, 8 CHANNEL BALANCE ANALOG INPUT CABLE



AP-AES-TD-DB25-XLR-06

5 FOOT, 8 CHANNEL AES IN/OUT CABLE



AP-DB25-XLRF-06

5 FOOT, 8 CHANNEL BALANCE ANALOG INPUT CABLE



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