## MINIATURE CAMERAS

### CV503
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 4.0mm
  - Horizontal AOV (Stock Lens): 85 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV506
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 4.4mm
  - Horizontal AOV (Stock Lens): 100 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV503-U3
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 3.6mm
  - Horizontal AOV (Stock Lens): 72 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV503-WP
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 4.0mm
  - Horizontal AOV (Stock Lens): 85 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV566
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 4.0mm
  - Horizontal AOV (Stock Lens): 85 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV568
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 4.4mm
  - Horizontal AOV (Stock Lens): 100 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67

### CV226
- **Resolution & Frame Rates**
  - **1920x1080p (HD)**
    - 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60
  - **1920x1080i (HD)**
    - 50, 59.94 & 60
  - **1280x720p (HD)**
    - 50, 59.94 & 60
- **Video Output Connectors**
  - 3G-SDI: √
  - HDMI: √
  - USB 3.0: √
- **Lens (Interchangeable)**
  - Mount Type: M12
  - Focal Length (Stock Lens): 3.6mm
  - Horizontal AOV (Stock Lens): 72 °
- **Other**
  - Genlock Sync: √
  - RS-485: √
  - UVC 1.5: √
  - Audio Input: √
  - IP Rating: IP67
MINIATURE CAMERAS

CV503
Miniature HD Camera (3GSDI)
- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Durable build with smooth finish and rear connector protection wings
- 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
- Remote adjust/match through RS485 (Visca) or OSD menu joystick
- Free Downloadable Camera Control Software or CV-RCP-V2 (CCU)

CV506
Miniature HD Camera (HDMI & 3GSDI)
- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Durable build with smooth finish and rear connector protection wings
- 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
- Remote adjust/match through RS485 (Visca) or OSD menu joystick
- Free Downloadable Camera Control Software or CV-RCP-V2 (CCU)

CV503-WP
All-Weather Miniature HD Camera (3GSDI)
- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Weatherproof IP67 protection with 3-meter breakout cable
- 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
- Remote adjust/match through RS485 (Visca) or OSD menu joystick
- Free Downloadable Camera Control Software or CV-RCP-V2 (CCU)

CV503-U3
Miniature USB3.0 Camera (USB3.0)
- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Interchangeable M12 lens mount includes stock 4.0mm lens (85° AOV)
- Locking 2-meter USB3.0 cable (video/power) with thumb screw lock feature
- Ships with a Marshall CVM-5 Monitor Mount/Stand
- 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
- Remote adjust/match through UVC1.5 soft codecs

CV566
Miniature HD Camera with Genlock SYNC (HDMI & 3GSDI)
- 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
- Remote adjust/match through RS485 (Visca) or OSD menu joystick
- Free Downloadable Camera Control Software or CV-RCP-V2 (CCU)
- Color Matrix function:
  Style, Master Level, Master Phase, Color Level, Color Phase

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
- Simultaneous HDMI & 3GSDI outputs with Tri-Level Sync
- Color Matrix function:
  Style, Master Level, Master Phase, Color Level, Color Phase

CV226
All-Weather HD Lipstick Camera (3GSDI)
- 2.5 Megapixel (1/2.86") sensor (4:2:2 color)
- Weatherproof IP67 protection with 3-meter breakout cable
- 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
- Remote adjust/match through RS485 (Visca) or OSD menu joystick
- Free Downloadable Camera Control Software or CV-RCP-V2 (CCU)

CV-PT-HEAD
Micro Pan-Tilt Head
- Smooth simultaneous pan & tilt movements
- 350° horizontal pan range - 360° vertical tilt range
- Durable IP65 weatherproof body suitable for all CV500 cameras
- Standard 1/4"-20 mount access from bottom, multiple sized plates provided
- PT Head comes with patch-cable from base to camera for power/controls
### CV344
**Compact HD Camera (3GSDI)**
- 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
- Remote adjust with OSD Menu, Camera Control Software & Touchscreen CV-RCP-V2 (CCU)

### CV346
**Compact HD Camera (HDMI & 3GSDI)**
- 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
- Remote adjust with OSD Menu, Camera Control Software & Touchscreen CV-RCP-V2 (CCU)

### CV366
**Compact 4K30 Camera (6GSDI & HDMI)**
- 3.2 Megapixel (1/1.8”) Global Shutter sensor
- Tri-Level Sync (Genlock) for quick, smooth transitions
- 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
- Remote adjust with OSD Menu, Camera Control Software & Touchscreen CV-RCP-V2 (CCU)
- Color Matrix function: Style, Master Level, Master Phase, Color Level, Color Phase

### CV368
**Compact Global Shutter Camera with Genlock (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
- Remote adjust with OSD Menu, Camera Control Software & Touchscreen CV-RCP-V2 (CCU)
- Color Matrix function: Style, Master Level, Master Phase, Color Level, Color Phase

### CV380-CS
**Compact 4K30 Camera (6GSDI & HDMI)**
- 8.5 Megapixel (1/2.5”) sensor (4:2:2 color)
- Flexible CS/C Lens Mount (lens sold separately)
- 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/Interlaced): 1920 x 1080 and 1280 x 720p
- Remote adjust with OSD Menu, Camera Control Software & Touchscreen CV-RCP-V2 (CCU)
# HD Zoom Block Cameras

| Model       | Resolution & Frame Rates                                                                 | Video Output Connectors                                                                 | Lens                                                                 | Other                  |
|-------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|                                                                     |                       |
| CV355-10X   | 1920x1080p (HD): 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60 | 3G-SDI: √, 6G-SDI: √, 3G-SDI: √, HDMI: √, IP Ethernet: √, NDI HX: - | Focal Length: 4.7mm to 47mm, Optical Zoom Ratio: 10x | Audio Input: 3.5mm Stereo, RS-232: - |

# 4K / UHD Zoom Block Cameras

| Model       | Resolution & Frame Rates                                                                 | Video Output Connectors                                                                 | Lens                                                                 | Other                  |
|-------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|                                                                     |                       |
| CV420-18X   | 4096x2160p (4K): 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60 | 12GSDI: √, 6GSDI: √, 3G-SDI: √, HDMI: √, IP Ethernet: √, NDI HX: - | Focal Length: 6.8mm to 120mm, Optical Zoom Ratio: 18x | Audio Input: 3.5mm Stereo, RS-232: - |
| CV420-30X   | 3840x2160p (UHD): 23.98, 24, 25, 29.97, 30, 50, 59.94 & 60 | 12GSDI: √, 6GSDI: √, 3G-SDI: √, HDMI: √, IP Ethernet: √, NDI HX: - | Optical Zoom Ratio: 30x, Digital Zoom Ratio: 12x | Audio Input: 3.5mm Stereo, RS-232: - |
**HD CAMERAS**

**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 - 12x Digital
- 3GSDI & HDMI simultaneous outputs
- Resolutions: 1920x1080p, 1920x1080i & 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**CV355-30X-IP**
Compact 30x Camera (3GSDI, HDMI & IP)
- 8 Megapixel (1/2.5”) sensor up to 1080p60fps
- 30X Optical Zoom (4.6~135mm) starting at 68° H.AOV – 12x Digital
- 3GSDI, HDMI & IP (HEVC) triple-stream simultaneous outputs
- Resolutions: 1920x1080p, 1920x1080i & 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough
- Visca over IP; Omiv, SRT compliant

**CV355-30X-NDI**
Compact 30x Camera (3GSDI, HDMI & NDI®)
- 8 Megapixel (1/2.5”) sensor up to 1080p60fps
- 30X Optical Zoom (4.6~135mm) starting at 68° H.AOV – 12x Digital
- 3GSDI, HDMI & NDI® simultaneous outputs
- Resolutions: 1920x1080p, 1920x1080i & 1280x720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough
- NDI® enabled with full access to NDI®Tools & Workflow

**CV355-18X**
Full Size 18x 4K60 Camera (12GSDI and HDMI)
- 12.5 Megapixel (1/2.7” 4K) sensor up to 4096 x 2160p @ 60fps
- 18x Optical zoom (6.8mm~120mm) starting at 55° H.AOV - 3x Digital
- 12G/6G/3G-SDI and HDMI2.0 simultaneous outputs
- Resolutions: 4096x2160p, 3840x2160p, 1080p,1080i & 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

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**UHD CAMERAS**

**CV420-30X**
Compact 30x Camera (12GSDI, HDMI & IP)
- 8 Megapixel (1/2.5”) UHD sensor up to 3840x2160p @ 60fps
- 30X Optical Zoom (4.6~135mm) starting at 68° H.AOV – 12x Digital
- 12G/6G/3G-SDI, HDMI & IP (HEVC) triple-stream simultaneous outputs
- Resolutions: 3840x2160p, 1080p, 1080i & 720p
- Frame rates: 60, 59.94, 50, 29.97, 25, 24 & 23.98fps
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough
- Visca over IP; Omiv, SRT compliant

**CV420-30X-IP**
Compact 30x Camera (HDMI & IP)
- 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
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough
- Visca over IP; Omiv, SRT compliant

**CV420-30X-NDI**
Compact 30x Camera (HDMI & NDI®)
- 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
- Ethernet I/O supports video, control, and PoE over a single cable
- RS232 and 3.5mm audio input with passthrough
- NDI® discoverable, controllable, manageable via NDI®Tools

**CV420-18X**
Full Size 18x 4K60 Camera (12GSDI and HDMI)
- 12.5 Megapixel (1/2.7” 4K) sensor up to 4096 x 2160p @ 60fps
- 18x Optical zoom (6.8mm~120mm) starting at 55° H.AOV - 3x Digital
- 12G/6G/3G-SDI and HDMI2.0 simultaneous outputs
- Resolutions: 4096x2160p, 3840x2160p, 1080p,1080i & 720p
- Frame rates: 60, 59.94, 50, 30, 29.97, 25, 24 & 23.98fps
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)
### 4K (UHD) PTZ Cameras

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution &amp; Frame Rates</th>
<th>Video Output Connectors</th>
<th>Lens</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV630-IP/IPW</td>
<td>3840x2160p (UHD) 25 &amp; 29.97</td>
<td>3G-SDI: √</td>
<td></td>
<td>Audio Input: 3.5mm Stereo</td>
</tr>
<tr>
<td>CV630-NDI/NDIW</td>
<td>1920x1080p (HD) 25, 29.97, 50 &amp; 59.94</td>
<td>12G-SDI: -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CV730-BKWH</td>
<td>1920x1080i (HD) 50, 59.94 &amp; 60</td>
<td>HDMI: √</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CV730-NDI/NDIW</td>
<td>1280x720p (HD) 25, 29.97, 30, 50, 59.94 &amp; 60</td>
<td>IP Ethernet: -</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Resolution &amp; Frame Rates</td>
<td>3G-SDI: √</td>
<td></td>
<td>3.5mm Stereo</td>
</tr>
</tbody>
</table>

### HD PTZ Cameras

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution &amp; Frame Rates</th>
<th>Video Output Connectors</th>
<th>Lens</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV620-BK4/WH4</td>
<td>1920x1080p (HD) 25, 29.97, 30, 50, 59.94 &amp; 60</td>
<td>3G-SDI: √</td>
<td></td>
<td>Audio Input: 3.5mm Stereo</td>
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<tr>
<td>CV605-U3/U3W</td>
<td>1920x1080i (HD) 50, 59.94 &amp; 60</td>
<td>HDMI: √</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CV620-B/WH</td>
<td>1280x720p (HD) 25, 29.97, 30, 50, 59.94 &amp; 60</td>
<td>USB 2.0: -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CV605-BKWH</td>
<td>3840x2160p (UHD) 25 &amp; 29.97</td>
<td>12G-SDI: √</td>
<td></td>
<td>3.5mm Stereo</td>
</tr>
</tbody>
</table>

- **Resolution & Frame Rates**
  - 3840x2160p (UHD): 25 & 29.97
  - 1920x1080p (HD): 25, 29.97, 50 & 59.94
  - 1920x1080i (HD): 50 & 59.94 & 60
  - 1280x720p (HD): 25, 29.97, 30, 50, 59.94 & 60

- **Video Output Connectors**
  - 3G-SDI: √
  - 12G-SDI: -
  - HDMI: √
  - IP Ethernet: -
  - NDI HX: -
  - HDBaseT: -

- **Lens**
  - Focal Length: 4.6mm to 135mm
  - Optical Zoom Ratio: 30x
  - Digital Zoom Ratio: 12x
  - Angles of View: 70º (wide) ~ (tele)

- **Other**
  - Audio Input: 3.5mm Stereo
  - Rs-422: √
  - Rs-232: √
  - Tally: √
**UHD PTZ Cameras**

**CV730-NDI/NDIW**
- 30x UHD60 NDI®/IP 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 selectable transition speeds (5–300° per second)
- 12GSDI, HDMI2.0, USB3.0 and NDI®HX simultaneous outputs
- NDI®HX enabled with full access to NDI®Tools & Workflows
- 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)

**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 selectable 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
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**CV630-NDI/NDIW**
- 30x UHD30 NDI®/IP 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 selectable transition speeds (5–300° per second)
- 3GSDI, HDMI and NDI®HX simultaneous outputs
- NDI®HX enabled with full access to NDI®Tools & Workflows
- 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)

**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 selectable transition speeds (5–300° per second)
- 3GSDI, HDMI, 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
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**HD PTZ Cameras**

**CV620-BK4/WH4**
- 20x HD60 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 selectable transition speeds (5–300° per second)
- 3GSDI and HDMI simultaneous outputs
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**CV620-BI/WI**
- 20x HD60 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 selectable 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
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**CV605-BK/WH**
- 5x HD60 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
- One-cable to camera optional setup (power, video, audio, control)
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)

**CV605-U3/U3W**
- 5x HD60 PTZ USB-C 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
- One-cable to camera optional setup (power, video, audio, control)
- 1920x1080p (HD), 1920x1080i (HD) & 1280x720p
- 59.94, 50, 29.97, 25fps options up to HD60
- 3.5mm TRS Stereo Audio over I/O cable (Mic/Line)
**VS-PTC-IP**  
Broadcast Style PTZ Controller  
- Multiple protocol mix-and-match setup (IP, RS232 and RS422)  
- Smooth Pan, Tilt, Zoom joystick for effortless maneuvers and control  
- Simultaneous rocker switch for zoom (wide shot to telephoto)  
- Dedicated dials for manual Iris/Shutter, White Balance, Color, Focus  
- Speed dial adjustment feature for Pan, Tilt and Focus  
- Preferred Control for Marshall PTZ & Zoom Cameras

**VS-PTC-200**  
Compact Entry Level PTZ Controller  
- 4D Joystick allows for simultaneous Pan/Tilt/Zoom/Focus  
- Smooth Pan, Tilt, Zoom joystick for effortless maneuvers and control  
- One button adjustment of Brightness, Back Light, Mirror/Flip, Capture  
- Full Duplex RS422 and RS232 communication interface  
- Compact Design - 7.87” (L) x 4.72” (W) x 4.06” (D)  
- Suitable for Marshall PTZ & Zoom Cameras

**CV-RCP-V2**  
Touchscreen RCP Camera Control Unit  
- Large 5-inch Touchscreen with fine tune adjustment knobs  
- Directly adjust and match POV cameras without OSD Menu  
- Common 3-pin XLR cable allows cable length up to 300m (1,000 feet)  
- Control up to seven (7) cameras from one RCP (CCU)  
- Rugged aluminum alloy encloser for durability (control board brackets)  
- Preferred Control for Marshall POV Cameras (CV500-series, CV300-series)

**Free Downloadable Software**  
- Marshall Video Management Software (IP Cameras)  
- Software GUI from common web browsers (IP cameras)  
- Camera Control Software via USB to RS485 (CV500-series, CV300-series)  
- OBS Studio Plugins and Control Docks (IP Cameras) - image to the right  
- Visca Command Lists and Development Kits  
- Crestron & Extron Control Modules  
- Updated Firmware from websites