

# Lumens®

## Professional Video Camera Family



### The Innovation Behind The Image

Industry leader in professional image processing technology

**4K-1080p | 60fps | 12x-30x Optical Zoom  
HDMI / USB / IP / 3G-SDI / 12G-SDI**



[www.MyLumens.com](http://www.MyLumens.com)

## PTZ Camera



### VC-A71P

### VC-A61P

### VC-A51P

### VC-A52S

### VC-R30

<b>Sensor</b>	1/1.8" 9.17 MP CMOS	1/2.5" 8.57MP CMOS	1/2.8" 2.16 MP CMOS	1/2.8" 2.41MP CMOS	1/2.8" 2MP CMOS
<b>Resolution</b>	2160p / 1080p / 1080i / 720p	2160p / 1080p / 1080i / 720p	1080p / 1080i / 720p	1080p / 1080i / 720p	1080p / 720p
<b>Video Output</b>	12G-SDI / HDMI 2.0 / Ethernet / USB 3.0	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI	3G-SDI / HDMI / Ethernet / USB 3.0
<b>Optical Zoom</b>	30x	30x	20x	20x	12x
<b>Digital Zoom</b>	12x	12x	NA	12x	12x
<b>Horizontal Viewing Angle</b>	63°	68°	57°	57°	72.5°
<b>Preset Positions</b>	256	256	128	128	256
<b>PoE</b>	PoE++	PoE+	PoE+	NA	PoE
<b>Audio In</b>	Line In / MIC In	Line In / MIC In	Line In / MIC In	NA	Line In
<b>Video Compression</b>	HEVC(H.265) / H.264 / MJPEG	HEVC(H.265) / H.264	H.264 / MJPEG	NA	H.264
<b>Video Streaming Protocol</b>	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	NA	RTSP / RTMP / RTMPS
<b>Camera Control Interface</b>	RS-232 / RS-422 / Ethernet / USB 3.0 / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Remote	RS-232 / Ethernet / USB 3.0 / Remote
<b>Camera Control Protocol</b>	VISCA / VISCAIP / PELCO D / ONVIF / UVC	VISCA / VISCAIP / PELCO D / ONVIF	VISCA / VISCAIP / PELCO D / ONVIF	VISCA / PELCO D	VISCA / VISCAIP / PELCO D / UVC
<b>AR/VR systems</b>	FreeD	FreeD	FreeD	NA	NA
<b>Wall Mount Option</b>	VC-WM12	VC-WM12 / VC-WM15	VC-WM12 / VC-WM15	VC-WM12 / VC-WM15	VC-WM14 / VC-WM15
<b>Cable Option</b>	CAB-AOCU-ML / CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07	CAB-AOCU-ML / CAB-AOCH-XL / VC-AC06/07

## NDI Camera



### VC-A71PN

### VC-A61PN

### VC-A51PN

<b>Sensor</b>	1/1.8" 9.17 MP CMOS	1/2.5" 8.57MP CMOS	1/2.8" 2.16 MP CMOS
<b>Resolution</b>	2160p / 1080p / 1080i / 720p	2160p / 1080p / 1080i / 720p	1080p / 1080i / 720p
<b>Video Output</b>	HDMI 2.0 / Ethernet	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet
<b>Optical Zoom</b>	30x	30x	20x
<b>Digital Zoom</b>	12x	12x	NA
<b>Horizontal Viewing Angle</b>	63°	68°	57°
<b>Preset Positions</b>	256	256	128
<b>PoE</b>	PoE+	PoE+	PoE+
<b>Audio In</b>	Line In / MIC In	Line In / MIC In	Line In / MIC In
<b>Video Compression</b>	HEVC(H.265) / H.264	H.264	H.264 / MJPEG
<b>Video Streaming Protocol</b>	NDI	NDI	NDI
<b>Camera Control Interface</b>	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Ethernet / Remote
<b>Camera Control Protocol</b>	VISCA / VISCAIP / PELCO D / NDI	VISCA / VISCAIP / PELCO D / NDI	VISCA / VISCAIP / PELCO D / ONVIF / NDI
<b>AR/VR systems</b>	FreeD	FreeD	FreeD
<b>Wall Mount Option</b>	VC-WM12	VC-WM12 / VC-WM15	VC-WM12 / VC-WM15
<b>Cable Option</b>	CAB-AOCU-ML / CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07

## Auto Tracking Camera



### VC-TR1

### VC-TA50

<b>Sensor</b>	PTZ Camera: 1/2.8" 2.13MP CMOS Panoramic Camera: 1/2.5" 8.57MP CMOS	1/2.8" 2.16 MP CMOS
<b>Resolution</b>	1080p / 1080i / 720p	1080p / 1080i / 720p
<b>Video Output</b>	HDMI / SDI / USB2.0 / Ethernet	3G-SDI / HDMI / Ethernet
<b>Optical Zoom</b>	20x	20x
<b>Digital Zoom</b>	12x	NA
<b>Horizontal Viewing Angle</b>	PTZ Camera: 58.7° Panoramic Camera: 100°	57°
<b>Preset Positions</b>	256	128
<b>PoE</b>	PoE+	PoE+
<b>Audio In</b>	Line In	Line In / MIC In
<b>Video Compression</b>	HEVC(H.265) / H.264 / MJPEG	H.264 / MJPEG
<b>Video Streaming Protocol</b>	RTSP / RTMP / RTMPS	RTSP / RTMP / RTMPS / MPEG-TS / SRT
<b>Camera Control Interface</b>	RS-232 / Ethernet	RS-232 / RS-422 / Ethernet
<b>Camera Control Protocol</b>	VISCA / VISCA over IP	VISCA / PELCO D / ONVIF
<b>Wall Mount Option</b>	VC-WM11 / VC-WM15	VC-WM12 / VC-WM15
<b>Cable Option</b>	CAB-AOCU-ML / CAB-AOCH-XL / VC-AC06/07	CAB-AOCH-XL / VC-AC06/07

## Conference Camera



	<b>MS-10</b>	<b>VC-B30U</b>	<b>VC-B11U</b>	<b>VC-B2U</b>
<b>Sensor</b>	1/2.8" 8.29MP CMOS	1/2.8" 2.41MP CMOS	1/2.8" 8.57MP CMOS	1/2.7" 2.13MP CMOS
<b>Resolution</b>	2160p / 1080p	1080p / 720p	2160p / 1080p	1080p / 720p
<b>Video Output</b>	USB 3.0 (USB 2.0 Compatible)	HDMI / USB 3.0	USB 3.0 (USB 2.0 Compatible)	USB 2.0 (USB 3.0 Compatible)
<b>Optical Zoom</b>	NA	12x	1080p: 2x / 720p: 3x	NA
<b>Digital Zoom</b>	4x	12x	4x	NA
<b>Horizontal Viewing Angle</b>	110°	72°	110°	90°
<b>PTZ</b>	ePTZ	PTZ	ePTZ	NA
<b>Audio In</b>	5 Mics	No	Dual-Mics	Dual-Mics
<b>Video Compression</b>	YUY2 / MJPEG	YUV422 / MJPEG	MJPEG	YUY2 / MJPEG
<b>Preset Positions</b>	IR Remote Control : 3 USB Command : 128	128	64	NA
<b>Camera Control Interface</b>	USB	RS-232 In and Out / USB	USB	USB
<b>Camera Control Protocol</b>	UVC / UAC	VISCA / UVC	UVC / UAC	UVC / UAC
<b>Wall Mount Option</b>	TV Mounting Kit Included	VC-AC03	TV Mount / Tripod Hole (1/4-20 UNC)	Tripod-Ready Universal Clip
<b>Cable Option</b>	NA	CAB-AOCU-ML / CAB-AOCH-XL	CAB-AOCU-ML	CAB-AOCU-ML

## Box Camera



	<b>VC-BC701P</b>	<b>VC-BC601P</b>	<b>VC-BC301P</b>
<b>Sensor</b>	1/2.5" 8.57MP CMOS	1/2.5" 8.57MP CMOS	1/1.8" 9.17 MP CMOS
<b>Resolution</b>	2160p / 1080p / 1080i / 720p	1080p / 1080i / 720p	2160p / 1080p / 1080i / 720p
<b>Video Output</b>	HDMI 2.0 / Ethernet	3G-SDI / HDMI / Ethernet	HDMI 2.0 / Ethernet / USB 3.0
<b>Optical Zoom</b>	30x	30x	NA
<b>Digital Zoom</b>	12x	12x	12x
<b>Horizontal Viewing Angle</b>	68°	68°	102°
<b>PoE</b>	PoE	PoE	PoE
<b>Audio In</b>	Line In / MIC In	Line In / MIC In	Line In / MIC In
<b>Video Compression</b>	HEVC(H.265) / H.264	HEVC(H.265) / H.264	HEVC(H.265) / H.264 / MJPEG
<b>Video Streaming Protocol</b>	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT
<b>Camera Control Interface</b>	RS-232 / Ethernet	RS-232 / Ethernet	Ethernet / USB / Remote
<b>Camera Control Protocol</b>	VISCA / VISCAIP / ONVIF / PELCO D	VISCA / VISCAIP / ONVIF / PELCO D	VISCAIP / ONVIF / UVC
<b>Wall Mount Option</b>	VC-WM11/ VC-WM14	VC-WM11/ VC-WM14	VC-WM11/ VC-WM14
<b>Cable Option</b>	CAB-AOCU-ML / VC-AC06/07	CAB-AOCU-ML / CAB-AOCH-XL / VC-AC06/07	CAB-AOCU-ML / CAB-AOCH-XL

## Camera Controller



### VS-KB30

- Joystick for Pan/Tilt/Zoom
- Easy operation of versatile camera adjustments
- The RS-232C/RS-422 x2/ Ethernet communication interfaces allow long-distance communication
- High brightness LCD display
- Auto backlight keypad
- PoE
- Protocol by VISCA, Pelco P&D, VISCA Over IP
- Up to 255 Camera Addresses & Zoom control
- Hot key: Shutter, Iris, Gain, Focus, Speed, Zoom, and 6 user-assignable keys

### VS-K20

- Joystick for Pan/Tilt/Zoom and focusing
- Easy operation of versatile camera adjustments
- The RS-232 / RS-422 communication interfaces allow long-distance communication
- High brightness OLED display
- Auto backlight keys
- Multi-level protection from illegal operation and settings

## Accessories



### VC-AC03

Wall Mount

- Wall mount for VC-B30U USB PTZ camera
- Color options: black / white



### VC-AC06 / 07

Cable Extender

- Extend up to 300ft (100m) via the RJ45 CAT 5e/6 cable



### CAB-AOCH-XL

HDMI 2.0 Active Extender Cable

- 100 m HDMI extension cable
- Supports 4K 60fps video



### CAB-AOCU-ML

USB 3.1 Gen 1 Active Extender Cable

- 15 m USB extension cable
- USB Type-A (male to female) connectors



### VC-WM11

Wall Mount

- Light weight arm shape wall mount for Box cameras and VC-TR1



### VC-WM12

Wall Mount

- Secure Wall mount for 4K/ Full HD PTZ Cameras with cable cover



### VC-WM14

3-in-1 Multipurpose Mount

- Ceiling, Wall, TV 3-in-1 Multipurpose mount for VC-R30



### VC-WM15

J-type Ceiling mount

- For use with VC-TR1
- Extendable drop height (70 - 110cm)

### VC-IR01

Remote Control



- Keys include all common functions like pan, tilt, zoom, presets, and focus