

Lumens[®]

PEGATRON GROUP

Product Catalog



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CamConnect Speaker Tracking

**AI-Box1
CamConnect Pro**



Maximum Supported Cameras	4xIP or 3xIP + 1xUSB Cameras
Supports Multi-array Microphones	Yes
Supports Video Input Format	IP (1080@60/50 fps), USB (1080p@30/25)
Video Output	USB (USB Type-C), HDMI
Power	USB Type-C Power (5V, 4A)
Voice Tracking	Yes, with supported directional microphone arrays
Camera Auto Switching	Yes
People Tracking	Yes
Center Stage	Yes
Multiview (Video Source Mixing)	Yes, PBP, three-split screen, four-split screen view
AI Director	Conversation mode, Customized mode
Motionless Instant Cut	Primary & Secondary Camera

4K Auto-Tracking Cameras

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	Best	Best	Best	Best
Sensor	1/1.8" 8.48M	1/1.8" 8.48M	1/2.8" 8.51M	1/2.8" 8.51M
Resolution	2160p60	2160p60	2160p60	2160p60
Video Output	HDMI / Ethernet / 3G-SDI / USB	HDMI / Ethernet / 3G-SDI / USB	HDMI / Ethernet / USB	HDMI / Ethernet / USB
Zoom	30x	30x	12x	12x
Horizontal View	PTZ: 59.2° Panoramic: 85.1°	PTZ: 59.2° Panoramic: 85.1°	PTZ: 81° Panoramic: 110°	PTZ: 81° Panoramic: 110°
PoE	PoE+	PoE+	PoE+	PoE+
Audio In	Line In	Line In	Line In	Line In
Video Compression	H.265(HEVC) / H.264 / MJPEG / YUV2 / NV12	H.265(HEVC) / H.264 / MJPEG / YUV2 / NV12	H.264 / MJPEG / NV12	H.264 / MJPEG / NV12
Streaming Protocol	NDI HX3 / NDI HX2 / HTTP / RTSP / RTMP / RTMPS / SRT	RTSP / RTMP / RTMPS / SRT	HTTP / RTSP / RTMP / RTMPS / SRT / Dante AV-H	HTTP / RTSP / RTMP / RTMPS / SRT
Camera Control	RS-232 / Ethernet / USB / Remote	RS-232 / Ethernet / USB / Remote	RS-232 / RS-422 / Ethernet / USB / Remote	RS-232 / RS-422 / Ethernet / USB / Remote

HD Auto-Tracking Cameras

VC-TA50



VC-TR41



NDI HX3

VC-TR40N



VC-TR40



	Better	Better	Better	Better
Sensor	1/2.8" 2.16MP CMOS	PTZ: 1/2.8" 2.16MP Panoramic: 1/2.8" 2MP CMOS	PTZ: 1/2.8" 2.16MP Panoramic: 1/2.8" 2MP	PTZ: 1/2.8" 2.16MP Panoramic: 1/2.8" 2MP
Resolution	1080p60	1080p60	1080p60	1080p60
Video Output	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet / USB	HDMI / 3G-SDI / USB / Ethernet	3G-SDI / HDMI / Ethernet / USB
Zoom	20x	20x	20x	20x
Horizontal View	57°	PTZ: 58.7° Panoramic: 87°	PTZ: 58.7° Panoramic: 111°	PTZ: 58.7° Panoramic: 111°
PoE	PoE+	PoE	PoE	PoE
Audio In	Line In / MIC In	Line In / MIC In	Line In / Mic In	Line In / MIC In
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Streaming Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT	HTTP / RTSP / RTMP / RTMPS / SRT	NDI HX3 / NDI HX2 / HTTP / RTSP / RTMP / RTMPS / SRT	HTTP / RTSP / RTMP / RTMPS / SRT
Camera Control	RS-232 / RS-422 / Remote	RS-232 / RS-422 / Ethernet/ USB / Remote	RS-232 / Ethernet / USB / Remote	RS-232 / Ethernet/ USB / Remote

HD Auto-Tracking Cameras



	Good	Good
Sensor	PTZ: 1/2.8" 2.16MP Panoramic: 1/2.8" 2MP	PTZ: 1/2.8" 2.13MP Panoramic: 1/2.5" 8.57MP
Resolution	1080p60	1080p60
Video Output	HDMI / Ethernet / USB	HDMI / 3G-SDI / USB / Ethernet
Zoom	12x	20x
Horizontal View	PTZ: 72.5° Panoramic: 111°	PTZ: 58.7° Panoramic: 100°
PoE	PoE	PoE+
Audio In	Line In / MIC In	Line In
Video Compression	H.264 / MJPEG	HEVC(H.265) / H.264 / MJPEG
Streaming Protocol	HTTP / RTSP / RTMP / RTMPS / SRT	RTSP / RTMP / RTMPS
Camera Control	RS-232 / Ethernet / USB / Remote	RS-232 / Ethernet / USB / Remote

4K and HD PTZ Cameras

VC-A71P



VC-A61P



VC-A53



VC-R31



	Best	Best	Better	Good
Sensor	1/1.8" 9.17MP	1/2.5" 8.57MP	1/2.8" 2.16MP	1/2.8" 2.16MP
Resolution	2160p59.94	2160p59.94	1080p60	1080p60
Video Output	12G-SDI / HDMI 2.0 / Ethernet / USB 3.0	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet / USB	HDMI / Ethernet / USB 3.0
Zoom	30x	30x	20x	12x
Horizontal View	63°	68°	57°	72.5°
PoE	PoE++	PoE+	PoE	PoE
Audio In	Line In / MIC In	Line In / MIC In	Line In / MIC In	Line In / MIC In
Video Compression	HEVC(H.265) / H.264 / MJPEG	HEVC(H.265) / H.264	H.264 / MJPEG	H.264 / MJPEG
Streaming Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / SRT
Camera Control	RS-232 / RS-422 / Ethernet / USB / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Ethernet / USB / Remote	RS-232 / Ethernet / USB / Remote

4K NDI Cameras



NDI HIGH BANDWIDTH
NDI HX3
VC-A71P-HN



NDI HX3
VC-A71SN



NDI HX2
VC-A71PN



	Best	Best	Best
Sensor	1/1.8" 9.17MP	1/1.8" 9.17MP	1/1.8" 9.17MP
Resolution	2160p59.94	2160p59.94	2160p59.94
Video Output	HDMI 2.0 / Ethernet / 12G-SDI / 3G-SDI / USB3.0	12G-SDI / HDMI 2.0 / Ethernet / USB3.0	HDMI 2.0 / Ethernet
Zoom	30x	30x	30x
Horizontal View	63°	63°	63°
PoE	PoE++	PoE++	PoE+
Audio In	Line In / MIC In	Line In / MIC In	Line In / MIC In
Video Compression	HEVC(H.265) / H.264 / MJPEG	HEVC(H.265) / H.264 / MJPEG	HEVC(H.265) / H.264
Streaming Protocol	NDI High Bandwidth / NDI HX3 / NDI HX2 / RTSP / RTMP / RTMPS /MPEG-TS / SRT	NDI HX3 / NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT	NDI HX2 / RTSP / RTMP / RTMPS /MPEG-TS / SRT
Camera Control	RS-232 / RS-422/ Ethernet / USB 3.0 / Remote	RS-232 / RS-422 / Ethernet / USB 3.0 / Remote	RS-232 / RS-422 / Ethernet / Remote

4K and HD NDI Cameras



	Better	Better	Good	Good
Sensor	1/1.8" 8.48M	1/2.5" 8.57MP	1/2.8" 2.16MP	PTZ: 1/2.8" 2.16MP Panoramic: 1/2.8" 2MP
Resolution	2160p60	2160p59.94	1080p60	1080p60
Video Output	HDMI / Ethernet / 3G-SDI / USB	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet	HDMI/ 3G-SDI / USB / Ethernet
Zoom	30x	30x	20x	20x
Horizontal View	PTZ: 59.2° Panoramic: 85.1°	68°	57°	PTZ: 58.7° Panoramic: 111°
PoE	PoE+	PoE+	PoE+	PoE
Audio In	Line In	Line In / MIC In	Line In / MIC In	Line In / MIC In
Video Compression	H.265(HEVC) / H.264 / MJPEG / YUV2 / NV12	H.264	H.264 / MJPEG	H.264 / MJPEG
Streaming Protocol	NDI HX3 / NDI HX2 / HTTP / RTSP / RTMP / RTMPS / SRT	NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT	NDI HX2 / RTSP / RTMP / RTMPS / MPEG-TS / SRT	NDI HX3 / NDI HX2 / HTTP / RTSP / RTMP / RTMPS / SRT
Camera Control	RS-232 / Ethernet / USB / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / RS-422 / Ethernet / Remote	RS-232 / Ethernet / USB / Remote

4K and HD Box Cameras



BC-602



VC-BC601P



VC-BC301P

	Best	Better	Good
Sensor	1/2.5" 8.57MP	1/2.5" 8.57MP	1/1.8" 9.17MP
Resolution	1080p60	1080p60	2160p60
Video Output	3G-SDI / HDMI / Ethernet	3G-SDI / HDMI / Ethernet	HDMI 2.0 / USB / Ethernet
Zoom	30x (Optical)	30x (Optical)	12x (Digital)
Horizontal View	60°	68°	102°
PoE	PoE	PoE	PoE
Audio In	Line In / Mic In	Line In / Mic In	Line In / Mic In
Video Compression	HEVC(H.265) / H.264	HEVC(H.265) / H.264	HEVC(H.265) / H.264 / MJPEG
Streaming Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT	RTSP / RTMP / RTMPS / MPEG-TS / SRT
Camera Control	RS-232 / Ethernet	RS-232 / Ethernet	Ethernet / USB / Remote

Camera Controllers



NDI.HX3

VS-KB21N



VS-KB21



VS-K20



Best

- Controls up-to 255 IP-connected or NDI-connected cameras
- Quick and precise control over camera position, movement, speed, focus and exposure
- Supports RTSP and NDI Stream Live Video Preview on LCD screen
- Supports RS-232, RS-422 and Ethernet control
- Supports VISCA, VISCA Over IP and NDI control protocols

Best

- Controls up-to total of 255 IP-connected cameras
- Quick and precise control over camera position, movement, speed, focus and exposure
- Supports RTSP Live Video Preview on LCD screen
- Supports RS-232, RS-422 and Ethernet control
- Supports VISCA and VISCA Over IP control protocols

Better

- Joystick for Pan/Tilt/Zoom and focusing
- Quick and precise control over camera position, movement, speed, focus and exposure
- 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

Video Conference Cameras

MS-10S



MS-10



VC-B30U



VC-B11U



	Best	Best	Better	Good
Sensor	1/2.8" 8.29MP	1/2.8" 8.29MP	1/2.8" 2.41MP	1/2.8" 8.57MP
Resolution	2160p30	2160p30	1080p60	2160p30
Video Output	USB	USB	HDMI/ USB	USB
Zoom	1080p: 4x 720p: 8x	1080p: 4x	12x Zoom	1080p: 2x 720p: 3x
Horizontal View	110°	110°	72°	110°
PTZ	ePTZ	ePTZ	PTZ	ePTZ
Microphone	Built-in 4 Mics 2 Expansion Mics (optional)	Built-in 5 Mics	NA	Dual-Mics
Voice Tracking / Auto Framing	Voice Tracking / Auto Framing	Auto Framing	NA	Auto Framing
Control Interface	USB	USB	RS-232 In and Out / USB	USB
Control Protocol	UVC / UAC	UVC / UAC	VISCA / UVC	UVC / UAC

Video Conference Cameras



	Good	Good
Sensor	1/2.3" 12.35MP	1/2.7" 2.13MP
Resolution	1080p60	1080p30
Video Output	USB3.0	USB
Zoom	1080p: 2x 720p: 3x	NA
Horizontal View	110°	90°
PTZ	ePTZ	NA
Microphone	Dual Mics	Dual Mics
Voice Tracking / Auto Framing	NA	NA
Control Interface	USB	USB
Control Protocol	UVC / UAC	UVC / UAC

Media Processors

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*Model without an HDD available in specific regions.



LC300S



LC300



LC200

NDI HX2



LC100N



LC100

	Best	Best	Better	Good	Good
Channel Mixing	4 Channels	4 Channels	4 Channels	2 Channels	2 Channels
Recording	2160p60	2160p60	1080p60	1080p60	1080p60
Streaming	2160p60	2160p60	1080p60	1080p60	1080p60
Video Input Interface	HDMI x4 / 3G-SDI x1 / 12G-SDI x1	HDMI x4 / 3G-SDI x1	HDMI x4	HDMI x2 / SDI x2	HDMI x2 / SDI x2
IP and USB Video Input	Lumens IP Camera / NDI High Bandwidth / NDI HX2 / NDI HX3 / RTSP / SRT / USB Camera	Lumens IP Camera / NDI High Bandwidth / NDI HX2 / NDI HX3 / RTSP / SRT / USB Camera	Lumens IP Camera / RTSP	Lumens IP Camera / NDI HX2 / RTSP / USB Camera	Lumens IP Camera / RTSP / USB Camera
Audio Input	HDMI or SDI Audio / Line In x2 / Combo(XLR/TRS) x2	HDMI or SDI Audio / Line In x2 / Combo(XLR/TRS) x2	HDMI Audio x4 / Line In x4	HDMI or SDI Audio x2 / Line In x1 / Combo(XLR/TRS) x2 / USB Audio x1	HDMI or SDI Audio x2 / Line In x1 / Combo(XLR/TRS) x2 / USB Audio x1
Video Output	HDMI x2 / HDMI Pass-Thru x1 / UVC x1	HDMI x2 / HDMI Pass-Thru x1 / UVC x1	HDMI x2	HDMI x2 / HDMI Pass-Thru x1	HDMI x2 / HDMI Pass-Thru x1
Built-in Storage	4TB HDD	4TB HDD	1TB HDD Optional: 2TB HDD	2TB HDD	2TB HDD*
Streaming Protocol	RTSP / NDI High Bandwidth / RTMP / RTMPS / MPEG-TS / SRT / TCP / UDP / HTTP / DHCP Client	RTSP / NDI High Bandwidth / RTMP / RTMPS / MPEG-TS / SRT / TCP / UDP / HTTP / DHCP Client	RTP / RTSP / RTMP / RTMPS / MPEG-TS	RTP / RTSP / NDI HX2 / RTMP / RTMPS / MPEG-TS / SRT	RTP / RTSP / RTMP / RTMPS / MPEG-TS / SRT
Remote Control Panel	LC-RC01	LC-RC01	LC-RC01	LC-RC01	LC-RC01

Encoders and Decoders

Dante AV-H™

OIP-N60D Dante AV-H



- Decodes Dante AV-H & RTSP with HDMI and USB out
- Supports bi-directional Dante audio
- Delivers low latency 4K video
- Long-distance IP-based AV transmission
- Supports PoE and USB power for easy installation



NDI HX3

OIP-N60D



- Decodes RTSP, SRT, NDI HX3, NDI HX, HLS, MPEG-TS
- Long-distance 4K IP-based AV transmission
- OIP-N60D decodes IP video streams from NDI HX and RTSP to UVC/UAC
- USB Webcam Extension
- Video Wall Deployment

Dante Ready™



NDI HX3

OIP-N40E



- Encodes RTSP, RTMP, SRT, NDI HX3, NDI HX, HLS, MPEG-TS
- Delivers pristine 1080P video quality with ultra-low latency
- Long-distance HDMI, USB and DisplayPort transmission
- Dual Tally lights (360°)
- USB Webcam Extension

AV over IP



OIP-D50E/D



OIP-D40E/D



OIP-D50C

Network Bandwidth	1 Gbps	1 Gbps	100 Mbps
Max Resolution	4K30 4:4:4	1080p60 4:4:4	NA
Latency	1-2 frames	1-2 frames	NA
Video Output	HDMI / VGA	HDMI	HDMI
Video Input	HDMI / VGA	HDMI	-
PoE	PoE	-	PoE
Ethernet Port	3 Ports	1 Port	1 Port
Audio over IP	Stereo in / out	Stereo in / out	NA
Control over IP	IR / RS232	IR / RS232	IR / RS232
KVM over IP	YES	-	-

Desktop Document Camera

PS753



	Best
Total Zoom	300x
Mechanical Zoom	NA
Digital Zoom	30x
Resolution	2160p30
Shooting Area	20.5" x 12.1" (522 x 308mm)
Lamp	LED x 2 A4 Size LED Backlight
Input	HDMI
Output	HDMI / VGA / USB / Ethernet
Power	External, 12V DC Adapter / PoE+
Control	RS-232 / USB / IP

Lumens®

Ceiling Camera

CL511



	Best
Total Zoom	300x
Mechanical Zoom	NA
Digital Zoom	15x
Resolution	2160p30
Shooting Area	At 2m Height 87.9" x 47.6" (2235 x 1211mm)
Lamp	Laser Indicator
Input	USB
Output	VGA / HDMI / USB / Ethernet
Power	PoE+ / External, 12V DC
Control	RS-232 / USB / IP

Document Cameras



DC193/ PC193



DC172



DC136



DC132U



DC-F20

Total Zoom	240x	30x	16x	16x	16x
Mechanical Zoom	10x	6.8x	7x	8x	6x
Digital Zoom	12x	30x	16x (via Software)	16x (via Software)	16x (via Software)
Resolution	1080p30	2160p30	2160p30	1080p30	1080p30
Shooting Area	14.6" x 11" (370 x 280mm)	16.5" x 12.4" (420 x 316mm)	16.8" x 12.6" (428 x 321mm)	18.8" x 14.1" (480 x 360mm)	17.8" x 13.4" (453 x 340mm)
Lamp	LEDx2	LEDx1	LEDx1	LEDx1	LEDx1
Input	VGA / HDMI	HDMI	NA	NA	NA
Output	VGA / HDMI / USB / C-Video	HDMI / USB	USB 3.0	USB	USB Type-C
Power	Built-in Power Supply	External, 12V DC Adapter	USB Bus Power	USB Bus Power	USB Bus Power
Control	RS-232 / USB	USB	USB	USB	USB

Software

Lumens®



Deployment Tool 2.0

Remotely manage and control multiple Lumens IP devices.



Camera Controller

Remotely manage and control multiple Lumens cameras via their IP and USB interfaces.



Routing Switcher

Routing Switcher provides live multi-view monitoring of OIP-N network transcoders and Lumens IP cameras.



Virtual Camera 2.0

Allows users to connect a Lumens professional IP camera to the host computer using Ethernet.



CaptureVision Mini Controller

Lumens CaptureVision systems are designed to offer organization and events a powerful but easy-to-use media station.



CamConnect Control Module

Integrate Lumens CamConnect Pro with third party controllers.



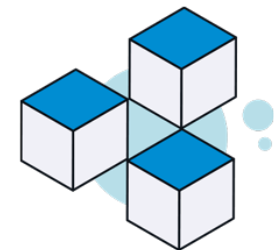
Ladibug 4K

Transform Your Document Camera with the Ladibug Suite of Creative Tools.



OBS Plugin

OBS Plugin and Dockable Controller for PTZ & Box Cameras.



Companion Module

Control Deck for Lumens PTZ Cameras and Live Streaming Device.

PTZ Camera Accessories

Cable



CAB-AOCH-XL
HDMI 2.0 Active
Extender Cable



CAB-AOCU-ML
USB 3.1 Gen 1 Active
Extender Cable



CAB-RS232-01
VISCA Cable Extender



VC-AC02
HDCI Cable



VC-AC06
VISCA Cable Extender



VC-AC07
VISCA Cable Extender

Mount



VC-AC03
USB PTZ Camera
Wall Mount



VC-WM11
Camera Wall Mount



VC-WM12
PTZ Wall Mount



VC-WM13
J-type Ceiling Mount



VC-WM14
3-in-1 Multipurpose
Mount



VC-WM15
J-type Ceiling Mount

Other



VC-IR01
Remote Control



MS-EM1
Expansion Microphone
for MS-10S

Cables and Accessories

Document Camera



CL-A01

Ceiling Mount Bridge
For CL511



DC-A06

Extender USB Cable
USB 2.0 cable extender



DC-A07

Microscope Adapter
For DC136 & DC172
Document cameras



PS-A04

PS Padded Bag
For the PS Document Camera



DC-A16

Mini-DIN Adapter
For RS232, C-Video,
DC visualizer series only

AVoIP



OIP-AC01

6U Rack-mount Chassis
For AV over IP series

Media Processor



LC-RC01

Remote Control Panel
for LC series



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WE LOOK FORWARD TO WORKING WITH YOU

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