EVERET
IMAGING HOLLAND

EVN210

High Bandwidth NDI® PTZ Camera 10x zoom

The EVERET EVN210 is a high bandwidth NDI® PTZ Camera featuring frame rates up to 1080p60 full HD, 10 optical zoom, simultaneous quad outputs USB, HDMI, 3G-SDI and Full NDI® with the custom Everet NDI® chip. Equipped with advanced image processing and high quality Panasonic image sensor, the EVN series will offer pro grade performance and crystal-clear FHD images, even in low-light.

Features:

- 1/2.86” PANASONIC CMOS 2.4MP FHD sensor
- 10x Optical Zoom, 60° Field of View
- High Bandwidth NDI® Support
- 1080p60 FHD video
- Low Latency
- Simultaneous Quad Output;
  Full NDI®, HDMI, UVC USB and 3G-SDI compatible with Blackmagic Design SDI Level-B
- Smooth pan-tilt-zoom
- Power over Ethernet (PoE) support: get video, control and power supply with one CAT5/6 cable
- Automatic NDI® Tally Support
- Supplied with functional IR remote controller
- Flexible mounting options with image flip function, support upside-down installation
- OSD menu, IP address, streaming resolution and size can be set in OSD menu
- 3 year warranty

Product specifications

Camera	EVN210
Sensor	Panasonic 1/2.86 inch 2.4 MP CMOS sensor
Color Space	8bit YCbCr 4:4:4; ISP RAW (12bit)
Video	
Video Interface	HDMI / 3G-SDI* / USB 2.0 (type-c) / RJ45 (NDI®) *Level A and B
Video Encoding Quality	75%-150%
Streaming Protocols	NDI®
Bitrate control	Variable or Constant
Video Bitrate	6Mbps~135Mbps
Audio	
Interface	3.5mm Line-in
Volume	1-100
Video format	
Full Bandwith NDI®	1920x1080P60/50/30/25/59.94/29.97/24/23.98 1920x1080I60/50/59.94 1280x720P60/50/30/25/59.94/29.97
HDMI	1920x1080P60/50/30/25/59.94/29.97/24/23.98 1920x1080I60/50/59.94 1280x720P60/50/30/25/59.94/29.97
3G-SDI	1920x1080P60/50/30/25/59.94/29.97/24/23.98 1920x1080I60/50/59.94 1280x720P60/50/30/25/59.94/29.97
USB 2.0 (type-C)	**YUY2:** 1280*720@15 1024*576@20 640*480@30 **MJPG:** 1920*1080@30 1280x720@30 1024*576@30 640*480@30
Lens	
Optical Zoom	10x
Digital Zoom	4x
Aperture	F1. 5(Wide) – F3(Tele)
Focal Length	4.9 ~ 98mm
Horizontal Viewing Angle	60° (Wide) - 2°(Tele)
Vertical Viewing Angle	32.2°~1.8°
Diagonal Viewing Angle	61°~3.64°

Product specifications

Camera	EVN210
PTZ	
Speed by Zoom	ON/OFF
Pan/Tilt rotation range	Pan: -170° ~+170° Tilt: 30°~+90°
Pan/Tilt rotation speed	Pan: 0.1°~120°/s Tilt: 0.1°~80°/s
PTZ Freeze	Yes
Pan & Tilt Speed	5 - 24
Zoom Speed	1 - 7
Presets	IR Remote : 10, WebUI: 128, EVKB200N: 128, Serial: 128
Save AE & WB settings in preset	ON/OFF
Preset Speed Pan & tilt	5 - 24
Preset Speed Zoom	1 - 7
Image	
Shutter Speed	1/1 – 1/10000s
Iris	F1.8 - F14
Minimum Object distance	Wide: 1.5m～INF; Tele： 1.5m～INF
Video S/N Ratio	>50dB
Minimum Illumination	0.01 lux
Focus	Auto / Manual / One Push Auto Focus
Gain Level	0-30Db
White Balance Modes	Auto / Manual / Auto Tracking / One Push / Indoor / Outdoor / Colour Temperature
Exposure Modes	Auto / Manual / Shutter Priority / Iris Priority / Brightness Priority
Wide Dynamic Range Level	Levels 1-6

Product specifications

Camera	EVN210
Gamma	Levels 0-8
Anti-Flicker	OFF / 50Hz / 60Hz
3D NR	OFF / Auto / Level 1-4
2D NR	Yes
Image Flip	Yes
Image Mirror	Yes
Back Light Compensation	Yes
Tally Light	Yes
Control	
Network (RJ45)	NDI / HTTP / ONVIF / VISCA over IP (TCP&UDP) / HTML5 (WebUI)
Serial	RS232 / RS422 / RS485 / PELCO P/D
IR Remote	Yes
Daisy Chain	Yes, up to 7 cameras
USB	USB2.0 (UVC1.1)
Visca over IP Port	52381
NDI Port	5961
Network	
Default IP	192.168.1.188
Port Speed	1 Gb/s
PoE	POE+(IEEE802.3at)
DHCP	Yes
Multicast	Yes

Product specifications

Camera	EVN210
NDI Discovery Server	Yes
HTTP Port	80
General	
Environment	Indoor
Operating Temperature	-10°C~50°C
Operating Humidity	≤80%
Power input	DC12V/POE+(IEEE802.3at)
Power Consumption	PoE+ : 11W, DC in: 11W
Dimensions (LxWxH)	220mm×190mm×173mm
Weight	1.35 KG
EAN (EVN210 Black)	8720387387205
EAN (EVN210W White)	8720387387281

EVERET

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