RGBlink®

PTZ Camera with NDI
RGB12X-NDI-WH | RGB20X-NDI-WH

Pro Camera Range

Precise Head Control

With built-in high precision motor drive control, the camera can be re-positioned in under a second by 60 degrees and a zoom speed of 0.1 degree. Whether large movement or small, multi-speed movement is not only smooth and accurate, but super quiet. Automatic focussing powered with advanced algorithms enhances overall performance aiding ease of operation.

other   RGB12X/20X-PTZ-WH
Slow/Fast/Smooth(0.1°~60°/sec)

NDI Video Output

Video over IP via NDI is built right into these cameras, enabling quick and ease integration with professional broadcast suites as well as popular NDI enabled platforms such as Zoom.

12X/20X Optical Zoom

With a choice of two models, RGBlink PTZ cameras offer embedded 2D & 3D noise reduction and ISP image processing technology. The result is clear, vivid and balance video regardless of zoom angle.

12X/20X
Optical zoom

Professional NDI Camera

Whether outputting to HDMI, SDI or NDI, RGBlink PTZ cameras provide a host of onboard features and functions. Advanced ISP image processing and algorithms enhance image performance from the sensor, encoding for smooth and stabilised video regardless of bandwidth selected.

Full 540 degree horizontal and 120 degree vertical range along with up to wide 72.5 degree viewing angle are provided, making RGBlink cameras suitable for demanding applications whether short throw or long.
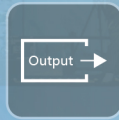
| 12X/20X Optical | Multi-protocol API/VISCA | pan-and-tilt rotation | HDMI/RS23 Audio/IP/3G-SDI | 1080p60 Full HD | 1-year Warranty 3-years of paid maintenance |

Multi-Scene Preset

Create and store up to 255 presets with position, zoom and focus via the web interface. Assign presets to buttons for instant recall.

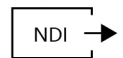Up to 255 preset positions

Web Preview

Preview video and control camera via the web-browser based interface simply by connecting on a LAN. Use any video output for monitoring.
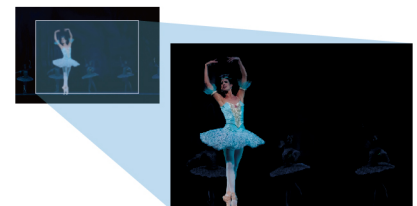
Monitor
3G-SDI HDMI

Web preview
NDI

High Sensitivity

Capture video even in low light – from as little as 0.5 Lux. The cameras sensor adapts and optimises across the full range of light and dark environments.

Full Interface Multi-Protocol

RGBlink PTZ cameras offer wide compatibility and interconnectivity in support of the broad range of application possibilities. Video connections are provided for SDI and HDMI as well as for IP based protocols. Control protocols include RTSP, VISCA and PELCO.

Specification

Product Model			RGB12X-NDI-WH	RGB20X-NDI-WH
Product Name			12X NDI Camera	20X NDI Camera
Performance	Camera	Optical Zoom	12X f = 3.9 ~ 46.8mm	20X f = 5.5 ~ 110mm
		View Angle	6.3° ~ 72.5°	3.3° ~ 54.7°
		AV	F1.8 ~ F2.4	F1.6 ~ F3.5
		Digital Zoom	10X	
		Minimum Illumination	0.5 lux (F1.8,AGC ON)	
		DNR	2D & 3D DNR	
		White Balance	Auto / Manual/ One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K	
		Focus/Aperture/ Electronic Shutter	Auto/Manual	
		BLC	ON/OFF	
		WDR	OFF/ Dynamic level adjustment	
		Video Adjustment	Brightness,Color,Saturation,Contrast,Sharpness,B/W mode,Gamma curve	
		SNR	>55dB	
		Effective Pixels	2.07m,16:9	
	Pan-and-Tilt Parameter	Pan/Tilt Movement	-170° ~ +170°/'-30° ~ +90°	
		Pan/Tilt Control Speed	0.1 ~ 60°/S, 0.1 ~ 30°/S	
		Preset Speed/Quantity	Pan:60°/S,Tilt:30°/S;Up to 255 preset positions(10 remote control)	
	Audio Compression Format		AAC、MP3、G.711A	
	Video Compression Format		H.264, H.265,Dual Streaming Output	
	Output Resolutions		720p25/29.97/30/50/59.94/60	1080p25/30/29.97/30/50/59.94/60	
	Control Protocol		VISCA	Pelco-D	Pelco-P	
	Baud Rate (bps)		115200	9600	4800	2400bps	
	Network Protocol		NDI	RTSP	RTMP	ONVIF	GB/T28181	
	Supported Standards	HDMI	1.3	
		SDI	SMPTE 425M (Level A & B)	SMPTE 424M	SMPTE 292M	SMPTE 259M-C	DVB-ASI	
Connectors	Video(Output)	HDMI	1×HDMI-A	
		SDI	1×BNC	
		NDI	1×RJ45	
	Audio	Input	1×3.5mm Stereo Jack	
	Communication	RS232	2×DIN 8	
		RS485	1×2 Pin Terminal Connector	
		Network	1×100Mbps(10/100BASE-TX)	
	Power		1×HEC3800 DC Socket	
Power	Input Voltage		DC12V/1.5A	
	Max Power		12W	
Environment	Temperature		-10℃ ~ 50℃	
	Humidity		20% ~ 80%	
Physical	Weight	Net	1.4kg	
	Dimension	Net	150mm×150mm×167.5mm	

Order Codes

Product Code	Item
981-0011-03-0	RGB12X-NDI-WH 12X NDI Camera
981-0011-04-0	RGB20X-NDI-WH 20X NDI Camera

Front   Rear