

# VUE

## broadcast PTZ camera



# Go pro with PTZ

Add whole new dimensions to capturing video presentations with RGBlink vue PTZ cameras.

Featuring advanced an ISP image processor and a 2 mega pixel sensor, vue cameras are available in a range models across 12X, 20X & 30X optical zoom and a range of output options from HDMI & SDI to H.264, H.265 & NDI.

Pan, Tilt, Zoom to capture all the action – get in even closer with 10X digital zoom, and the best video with auto focus, dynamic level adjustment (WDR) and 2D/3D Dynamic Noise Reduction (DNR) all at up to 60fps.

All vue models feature the unique TALLY crown light indicator, integrated right into the housing for 360-degree viewing.

The innovative and patented RGBlink vue camera design is at home in every environment.



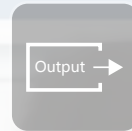
12X/20X/30X



Multi-protocol



Precision Movement



Digital & IP Video



Full HD

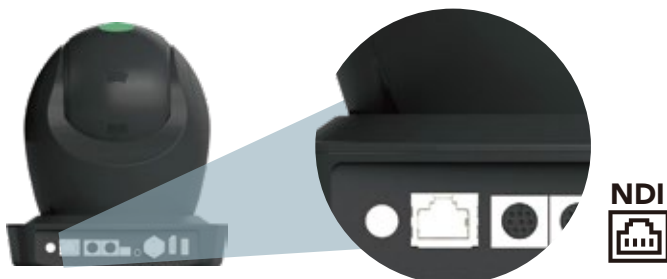
## NDI

Select vue models include NDI HX protocol and capabilities, allowing vue cameras to be integrated directly into professional and broadcast workflows including to applications such as Premier Pro, Zoom and more.

## Zoom In

Choose from across three models of optical zoom – 12X, 20X or 30X, behind which the 2 mega pixel Panasonic sensor and ISP processor offering a further 10X digital zoom to get even closer.

**12X/20X/30X**  
Optical zoom





## TALLY Crown

Selected view models include the RGBlink vue TALLY Crown indicator light showing clearly stand-by and on-air status of the camera.

## Multi-Protocol Support

Output to HDMI, #G-SDI, RTMP and RTSP, and optionally NDI and USB/UVC for maximum connectivity, in support of virtually any application requirement.

## Set Presets

Set up to 255 presets of positions to be stored on a camera and available for instance recall.

## Precise Position Control

High precision micro stepper motor controls to within 0.1 degrees. Reposition the camera and zoom to any position in under 1s, smoothly, accurately and super quietly. Advanced algorithms optimise imaging at every movement for precise blur-free performance.



## Remote Control

Connect to vue cameras with industry standard protocols including VISCA and ONVIF.

## Power of Convenience

Power vue cameras from supplied PSU or via the ethernet port for selected models connected on PoE enabled networks.

## Audio In

All vue models include 3.5mm mini-jack input, allowing Line level inputs to be inserted to all outgoing video signals including embedded on HDMI, SDI, NDI and other IP codecs.

## PTZ Park

Unique feature allowing for a camera to be set with lens down for protection and storage – parked for movement or transport.

## Browser Config & Preview

Connect directly to a vue camera from any browser without the need to install a dedicated app. The web interface allows full configuration of the camera as well as preview of video, operations and control.



Monitor  
3G-SDI  
HDMI



Web preview  
NDI

# Specifications

## Connections

|              | RGB12X-POE-TLY | RGB12X-PNDI-TLY | RGB20X-USB-TLY | RGB20X-POE-TLY | RGB20X-PNDI-TLY | RGB30X-POE-TLY | RGB30X-PNDI-TLY |
|--------------|----------------|-----------------|----------------|----------------|-----------------|----------------|-----------------|
| Video Out    |                |                 |                |                |                 |                |                 |
| HDMI         | ●              | ●               | ●              | ●              | ●               | ●              | ●               |
| BNC (SDI)    | ●              | ●               |                | ●              | ●               | ●              | ●               |
| USB2-A (UVC) | ●              | ●               | ●              | ●              | ●               | ●              | ●               |
| USB3-A (UVC) |                |                 | ●              |                |                 |                |                 |

## Network / IP Video

|      |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|
| RJ45 | ● | ● | ● | ● | ● | ● | ● |
|------|---|---|---|---|---|---|---|

## Audio / Line In

|           |   |   |   |   |   |   |   |
|-----------|---|---|---|---|---|---|---|
| Mini-Jack | ● | ● | ● | ● | ● | ● | ● |
|-----------|---|---|---|---|---|---|---|

## Control

|             |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|
| RS232 (DIN) | ● | ● | ● | ● | ● | ● | ● |
| RS485 (IDC) | ● | ● |   | ● | ● | ● | ● |

## Power

|         |   |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|---|
| DC Jack | ● | ● | ● | ● | ● | ● | ● |
|---------|---|---|---|---|---|---|---|

## Features

|      |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|
| PoE  | ● | ● |   | ● | ● | ● | ● |
| NDI  |   | ● |   |   | ● |   | ● |
| RTMP | ● | ● | ● | ● | ● | ● | ● |
| RTSP | ● | ● | ● | ● | ● | ● | ● |
| SRT  | ● | ● |   | ● | ● | ● | ● |

## Optics

|              | 12X        | 20X        | 30X       |
|--------------|------------|------------|-----------|
| Zoom (f) mm  | 4.1~49.2   | 5.1~91.5   | 5.2~148.4 |
| Angle(°)     | 6.57~70.28 | 3.45~60.04 | 2.14~58.1 |
| AV           | F 1.8~2.68 | F 1.8~2.9  | F 1.3~4.8 |
| Digital Zoom | 10X        | 10X        | 10X       |

## Performance

### Camera

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| Sensor               | 1/2.8 inch 2.07megapixel HD CMOS                                    |
| Focus                | Auto/Manual                                                         |
| White Balance        | Auto/Manual/One Push/<br>3000K to 7000K(selectable)                 |
| Minimum Illumination | 0.5Lux                                                              |
| DNR                  | 2D & 3D                                                             |
| Aperture             | Auto/Manual                                                         |
| 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                                                               |

### PTZ

|                    |                                            |
|--------------------|--------------------------------------------|
| Pan Rotation       | -170° ~ +170°                              |
| Tilt Rotation      | -30° ~ +90°                                |
| Pan Control Speed  | 0.1 ~ 60°/second                           |
| Tilt Control Speed | 0.1 ~ 30°/second                           |
| TALLY              | 360° TALLY light                           |
| Preset Number      | 255 presets (10 presets by remote control) |
| Preset Speed Pan   | 60°/second                                 |
| Preset Speed Tilt  | 30°/second                                 |

### Standards

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Video Codec           | H.264 H.265                                                            |
| Video Compression     | AAC/MP3/G.711A                                                         |
| Output Resolutions    | 1080P 60/59.94/50/30/29.97/25<br>1080I 60/59.94/50<br>720P 60/59.94/50 |
| Control Protocol      | VISCA/Pelco-D/Pelco-P                                                  |
| Network Protocol      | RTSP/RTMP/ONVIF/SRT                                                    |
| Remote Operation (IP) | Remote Upgrade, Reboot and Reset                                       |
| Accessory             | Power Supply/RS232 Control<br>Cable/Remote Control                     |
| Optional Accessory    | Bracket/Flight Case                                                    |

## Operational

|             |             |
|-------------|-------------|
| Temperature | -10 ~ 50°C  |
| Humidity    | 20 ~ 80% RH |

## Physical

|                  |                               |
|------------------|-------------------------------|
| Weight           | 1.7kg (3.7lb) net             |
| Dimensions (LWH) | 188x180x198mm (7.4x7.1x7.8in) |

