

| Model | BG-ND-20XHSRP | BG-ND-30XHSRP |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------|
| Camera Parameters | | |
| Optical Zoom | 20X f=5.5~110mm | 30X f=4.3~129mm |
| View Angle | 3.3° (tele) 54.7° (wide) | 2.34° (tele) 65.1° (wide) |
| AV | F1.6 – F3.5 | F1.6– F4.7 |
| Sensor | 1/2.8 inch high quality HD CMOS sensor | |
| Effective Pixels | 16: 9 2.07 megapixel | |
| Video Format | HDMI/SDI: 1080P60 / 50 / 30 / 25 / 59.94 /29.97; 1080I60 / 50 / 59.94; 720P60 / 50 / 30 / 25 / 59.94 / 29.97 | |
| Minimum Illumination | 0.5Lux (F1.8, AGC ON) | |
| DNR | 2D & 3D DNR | |
| White Balance | Auto / Manual / One Push / 3000K / 4000K / 5000K / 6500K | |
| Focus | Auto/Manual | |
| 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 | |

| Input/Output Interface | |
|-------------------------------|----------------------------------------------------------------------------------------|
| Video Interfaces | NDI HX 4.0, SDI, HDMI, LAN(POE), RS232 (In & Out), RS485, A-IN |
| Image code stream | Double streams outputs simultaneously |
| Video Compression format | H.264, H.265 |
| Control Signal Interface | RS-232 Ring through RS232 output, RS-485 |
| Control Protocol | VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/ 9600/ 4800/ 2400bps |
| Audio input Interface | Double track 3.5mm linear input |
| Audio Compression Format | AAC/MP3/PMC Audio compression |
| HD IP Interface | 100M IP port (100BASE-TX); 5G WiFi (optional), support NDI & IP Visca control protocol |
| Network Protocol | NDI, RTSP/RTMP, ONVIF |

| | |
|-------------------------|-----------------------------------------------|
| Power Interface | HEC3800 outlet (DC12V) |
| PTZ Parameters | |
| Pan Rotation | ±170° |
| Tilt Rotation | -30°~+90° |
| Pan Control Speed | 0.1 -180°/sec |
| Tilt Control Speed | 0.1-80°/sec |
| Preset Speed | Pan: 60°/sec, Tilt: 30°/sec |
| Preset Number | 255 presets (10 presets by remote controller) |
| Other Parameters | |
| Supply Adapter | AC110V-AC220V to DC12V/2A |
| Input Voltage | DC12V±10% |
| Input Current | 1A (Max) |
| Consumption | 12W (Max) |
| Store Temperature | -10°C to +60°C |
| Store Humidity | 20% - 95% |
| Working Temperature | -10°C to +50°C |
| Working Humidity | 20% - 80% |
| Dimensions | 150mm x 150mm x 167.5mm |
| Weight | 1.4KG |
| Working Environment | Indoor |
| Remote Operation (IP) | Remote Upgrade, Reboot and Reset |