



TECHNICAL SPECIFICATIONS

SPECIFICATION

|                                    |  |
|------------------------------------|--|
| <b>Sensor</b>                      | 1/2.8-inch-high quality HD CMOS sensor   |
| <b>Effective Pixels</b>            | 16:9, 2.07 megapixel   |
| <b>Video Format</b>                | HDMI/SDI :<br>1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94;<br>720P60/50/30/25/59.94/29.97 |
| <b>Optical Zoom</b>                | 12X f=3.9 ~ 46.8mm   |
| <b>View Angle</b>                  | 6.3°(tele) 72.5°(wide)   |
| <b>AV</b>                          | F1.8 - F2.4  |
| <b>Digital Zoom</b>                | 10X  |
| <b>Minimum Illumination</b>        | 0.1 Lux  |
| <b>DNR</b>                         | 2D & 3D DNR  |
| <b>White Balance</b>               | Auto / Manual/ One Push/ 3000K/<br>4000K/5000K/6500K   |
| <b>Focus</b>                       | Auto/Manual/One key focus  |
| <b>Aperture/Electronic Shutter</b> | Auto / Manual  |
| <b>Electronic Shutter</b>          | Auto / Manual  |
| <b>BLC</b>                         | ON/OFF   |
| <b>WDR</b>                         | OFF/ Dynamic Level Adjustment  |
| <b>Video Adjustment</b>            | Brightness, Color, Saturation, Contrast, Sharpness,<br>B/W mode, Gamma curve                 |
| <b>SNR</b>                         | >55dB  |



## INPUT/OUTPUT INTERFACE

|                                 |   |
|---------------------------------|---|
| <b>Video Interfaces</b>         | SDI, HDMI, LAN (NDI & POE), RS232 (In & Out), RS485,A-IN                        |
| <b>Video output interface</b>   | HDMI, SDI, LAN  |
| <b>Video Compression Format</b> | H.264, H.265, Dual stream output  |
| <b>Control Protocol</b>         | VISCA/Pelco-D/Pelco-P;<br>Baud Rate:115200/9600/4800/2400bps                    |
| <b>Audio Input Interface</b>    | A-IN: Double track 3.5mm linear input; <b>(For Stream Only)</b>                 |
| <b>Audio Compression Format</b> | AAC/MP3/G.711A Audio compression  |
| <b>HD IP Interface</b>          | 100M IP Port(10/100BASE-TX);<br>Support VISCA protocol control through IP port. |
| <b>Network Protocol</b>         | RTSP, RTMP, ONVIF, GB/T28181, NDI   |
| <b>Power Interface</b>          | HEC3800 Outlet (DC12V)  |
| <b>Supply Adapter</b>           | AC110V-AC220V to DC12V/1.5A   |
| <b>Input Voltage</b>            | DC12V310%   |
| <b>Input current</b>            | 1A (Max)  |
| <b>Consumption</b>              | 12W (Max)   |

## PTZ PARAMETER

|                           |   |
|---------------------------|---|
| <b>Pan/Tilt Rotation</b>  | ±170°, -30°~+90°                              |
| <b>Pan Control Speed</b>  | 0.1 -60°/sec                                  |
| <b>Tilt Control Speed</b> | 0.1-30°/sec                                   |
| <b>Preset Speed</b>       | Pan: 60°/sec, Tilt: 30°/sec                   |
| <b>Preset Number</b>      | 255 presets (10 presets by remote controller) |

## OTHER PARAMETER

|                                  |  |
|----------------------------------|--|
| <b>Storage temperature</b>       | -10°C~+60°C  |
| <b>Storage humidity</b>          | 20%~95%  |
| <b>Working temperature</b>       | -10°C~+50°C  |
| <b>Working humidity</b>          | 20%-80%  |
| <b>Dimension</b>                 | 150mmX150mmX167.5mm  |
| <b>Weight</b>                    | 1.4KG  |
| <b>Remote Operation (IP)</b>     | Remote Upgrade, Reboot and Reset   |
| <b>Accessories (with camera)</b> | 12V/1.5A power supply, RS232 cable, remote control, manual, warranty card, Bracket |

