

NDI20X NDI SMART IP LIVE STREAMING CAMERA

Lower latency | Higher performance | Smooth and Clear Streaming Experience

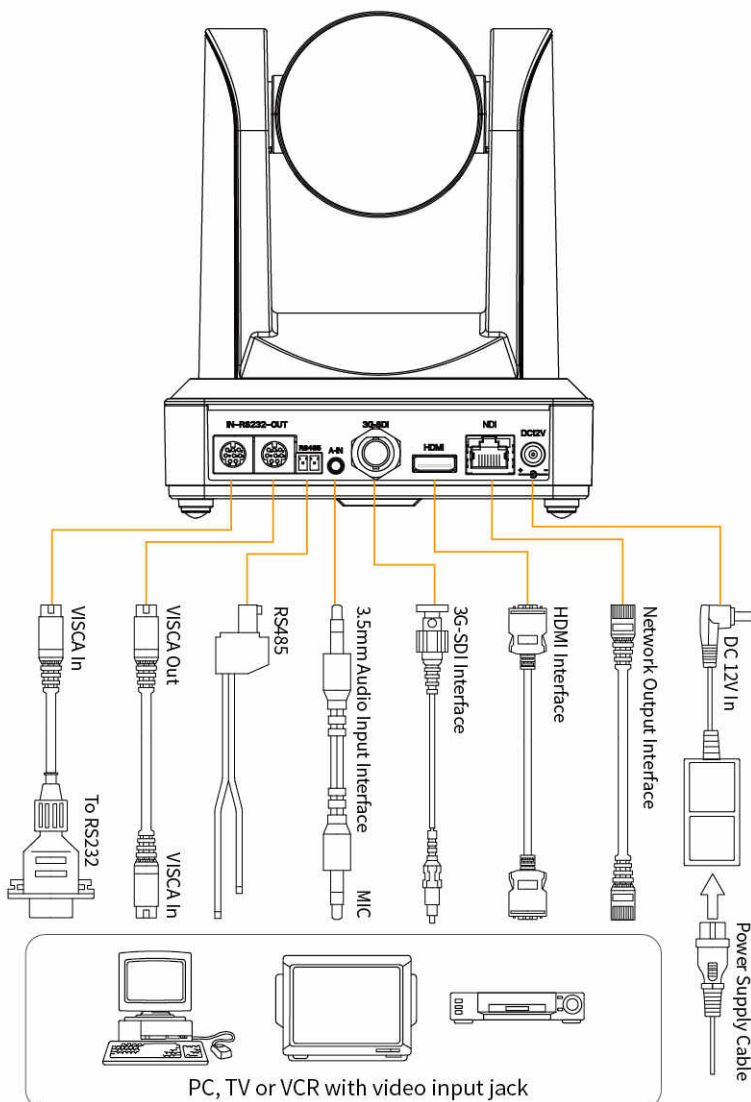
20X | NDI | HX



>> FEATURES

- 20X optical zoom professional full HD camera , suitable for larger occasion
- Up to 1080p@60fps, higher quality image
- Simultaneous 3G-SDI, HDMI, NDI/IP Streaming video out, easily for professional video production
- PoE(Power over Ethernet) supported
- Double track 3.5mm linear input for audio
- Auto focus, smart frame capture everyone
- Supports H.265/H.264 encoding which makes motion video fluent and clear even with less than ideal bandwidth conditions.
- Advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity
- High speed and silent pan/tilt, capture all the actions
- Supports up to 255 presets (10 presets for IR remote control)
- Multiple control protocol and network protocol
- Ideal for church live streaming, video conference, sports events, online education, ect.

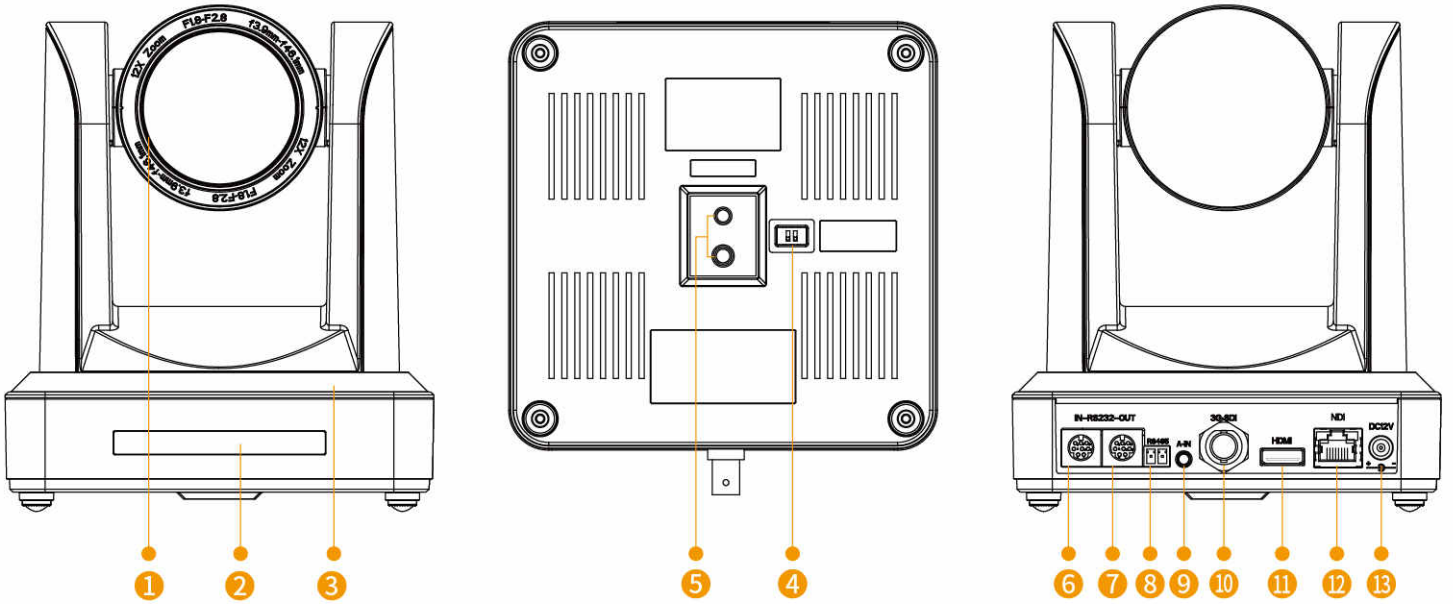
>> EXTERNAL INTERFACE CONNECTION



>> PARAMETER

| | | | | |
|--------------------------|---|---|-------------------|--|
| Description | NDI Camera with 20X Optical Zoom | | | |
| Model No. | NDI20X | | | |
| Connectors | Video(Output) | HDMI | 1×HDMI-A | |
| | | SDI | 1×BNC | |
| | | NDI | 1×RJ45 | |
| | Audio | 1×3.5mm Stereo Jack | | |
| | Communication | RS232 | 2×DIN 8 | |
| | | RS485 | 1×2 Pin Connector | |
| | Network | 1×100Mbps (10/100BASE-TX) | | |
| Power | DC 12V | | | |
| Camera | Optical Zoom | 20X f=5.5~110mm | | |
| | View Angle | 3.3°~ 54.7° | | |
| | AV | F1.6 ~ F3.5 | | |
| | Digital Zoom | 20X | | |
| | Minimum Illumination | 0.5 lux (F1.8, AGC ON) | | |
| | DNR | 2D & 3D | | |
| | White Balance | Auto/Manual/One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K | | |
| | Focus | Auto/Manual | | |
| | Aperture/ Electronic Shutter | Auto/Manual | | |
| | WDR | OFF/Dynamic Level Adjustment | | |
| | BLC | ON/OFF | | |
| | 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 | Up to 1080P60 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 | RTSP RTMP ONVIF GB/T28181 VISCA | | | |
| Supported Standards | HDMI | 1.3 | | |
| | SDI | SMPTE 425M (Level A & B) SMPTE 424M SMPTE 292M SMPTE 259M-C DVB-ASI | | |
| | NDI | NDI HX low bandwidth version | | |
| Input Voltage | DC12V/1.5A | | | |
| Max Power | 12W | | | |
| Temperature | -10°C~50°C | | | |
| Humidity | 20%~80% | | | |
| Unit Weight | 1.4kg | | | |
| Unit Size | 150mm×150mm×167.5mm | | | |

>> STRUCTURE



| | | |
|------------------------------------|------------------------------------|-----------------------------------|
| ① Camera Lens | ⑥ RS232 Control Interface (input) | ⑪ HDMI Interface |
| ② Camera Base | ⑦ RS232 Control Interface (output) | ⑫ NDI Network Interface |
| ③ Remote Controller Receiver Light | ⑧ RS485 Input (left +, right -) | ⑬ DC12V Input Power Supply Socket |
| ④ Bottom Dial Switch | ⑨ Audio Input Interface | |
| ⑤ Tripod Screw Hole | ⑩ 3G - SDI interface | |

>> PACKING LIST

| | | | |
|---|---|--|---|
|  |  |  |  |
| NDI20X PTZ Camera | Remote Control | RS232 Control Cable | RS485 Terminal Block |
|  |  |  |  |
| Power Adapter | US Standard Power Cable | EU Standard Power Cable | User manual |



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