# JVC

**4K PTZ REMOTE CAMERA** (NDI®|HX)
# KY-PZ400NW/NB

**HD PTZ REMOTE CAMERA** (NDI®|HX)
# KY-PZ200NW/NB

**HD PTZ REMOTE CAMERA**
# KY-PZ200W/B

NDI®|HX, SRT, VITC provide optimal streaming image quality and performance for Remote Production over the Internet.

4K    SRT    NDI|HX

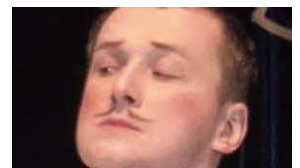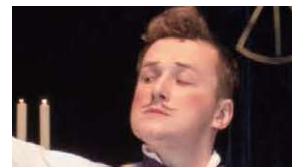**4K**    **NDI|HX**    **SRT** SECURE RELIABLE TRANSPORT    **H.265/HEVC**

Photo : KY-PZ400N

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## ■ 4K CMOS 1/2.5 inch Image Sensor

KY-PZ400N equipped with 4K 1/2.5 inch CMOS image sensor. Effective pixels is 8.51M.
KY-PZ200N/200 equipped with HD 1/2.8 inch CMOS image sensor.

## ■ 12x Zoom (KY-PZ400N), 20x Zoom (KY-PZ200N/200)

### KY-PZ400N

**12x, f = 4.4mm ~ 52.8mm**
(35mm equivalent (approx.) 26.4mm - 316.8mm)

Digital Zoom : 16x

### KY-PZ200N/200

**20x, f = 4.4mm ~ 88.5mm**
(35mm equivalent (approx.) 30.2mm - 606.9mm)

Digital Zoom : 8x

## ■ Support H&V Flip, Image Freeze, 255 Preset Positions, 0.1° Preset Accuracy

Horizontal ±170°

|  | KY-PZ400N | KY-PZ200N/PZ200 |
|---|---|---|
| Horizontal Angle of View | 71° ~ 8.2° | 60.7° ~ 3.36° |
| Vertical Angle of View | 42.7° ~ 4.5° | 34.1° ~ 1.89° |
| Horizontal Rotation Range | ±170° | ±170° |
| Vertical Rotation Range | -30° ~ +90° | -30° ~ +90° |

| HDMI Output 3G-SDI | Version 1.4 BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard KY-PZ400N cannot output HDMI and SDI at the same time. KY-PZ200N/KY-PZ200 can output HDMI and SDI at the same time. |
|---|---|
| Network Interface | RJ45: 10M/100M/1000M  Ethernet Interface, POE |
| Audio Interface | Line In/Out : 3.5mm audio interface |
| USB | USB2.0, A type USB3.0, B type (KY-PZ200N/KY-PZ200 only) |
| Communication Interface | RS232 In/Out : 8pin Min DIN, Max Distance : 30m, Standard protocol RS485 : 2pin Phoenix Port, Max Distance : 1200m, Standard Protocol |
| Power | DC IN 12V |

# ■ Network

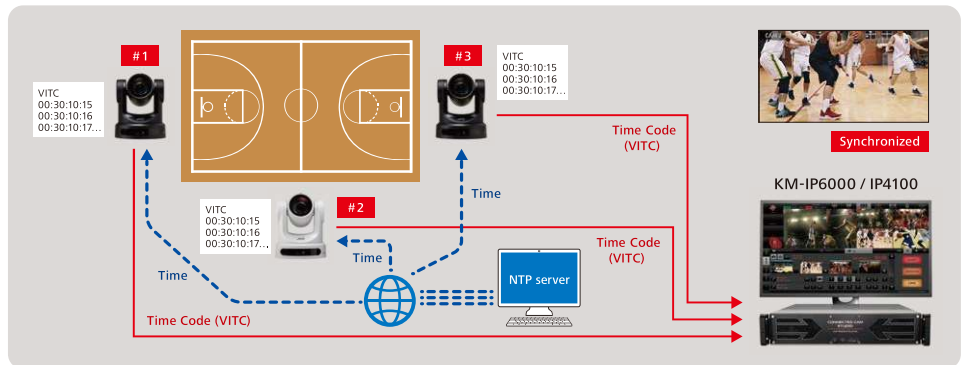| | KY-PZ400N | KY-PZ200N | KY-PZ200 |
|---|---|---|---|
| Video Compression | H.265 / H.264 | H.265 / H.264 / MJPEG | |
| Video Stream | Main Stream, Sub Stream | | |
| Protocols | NDI®|HX, SRT, TCP/IP, HTTP, RTSP, RTMP/RTMPS, Standard Protocol | | SRT, TCP/IP, HTTP, RTSP, RTMP/RTMPS, Standard Protocol |
| SRT Mode | Listener, Caller, Rendezvous (Future update) | | |
| UVC | Not Supported | UVC 1.1-1.5 | |

# NDI®|HX

NDI is a high quality, low latency, IP video transmission standard pioneered by NewTek.

# SRT
SECURE RELIABLE TRANSPORT

SRT advanced streaming uses automatic repeat reuest (ARQ) and forward error correction (FEC) to prevent packet loss typical for internet connections. SRT also offers stream encryption for content protection.

# ■ Multi Camera Synchronization with VITC (Vertical Interval Time Code) NTP (Network Time Protocol)

Multi-camera synchronization for live event productions is simply achieved with VITC with NTP. This feature is ideal for the mixing and streaming of concerts, shows and sporting events where image synchronization is critical.

#1
VITC 00:30:10:15 00:30:10:16 00:30:10:17...

#3
VITC 00:30:10:15 00:30:10:16 00:30:10:17...

#2
VITC 00:30:10:15 00:30:10:16 00:30:10:17...

Time Code (VITC)

Synchronized

KM-IP6000 / IP4100

Time

Time

Time Code (VITC)

NTP server

Time Code (VITC)

# ■ Supported Remote Controls (Remote Production over the Internet)

Remote Camera Controller
**RM-LP100**

LIVE STREAMING PRODUCTION SUITE
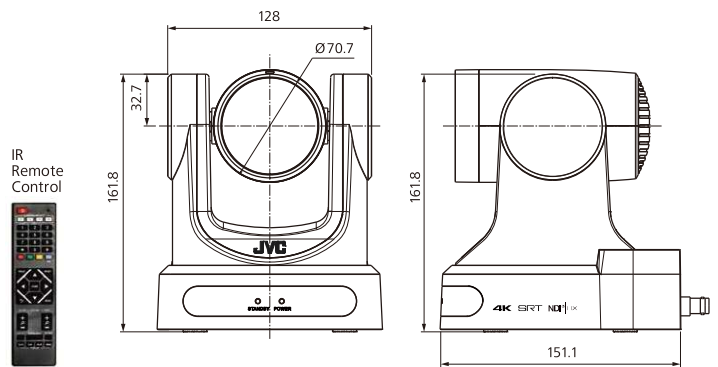**KM-IP6000/4000 Series**

streamstar

vMix

OBS Studio

NewTek™

# ■ General Specification

| LED | Tally : 1x Red/Green (KY-PZ400 only) |
|---|---|
| | Power : 1x Blue |
| | Standby : 1x Yellow-green |
| Input Voltage | DC 12V, Max 1.5A |
| POE supply | 802.3af Standard |
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -40°C ~ 60°C |
| Power Consumption | Max 12W |
| Size | D169mm x W142mm x H164mm (D6.7 inch x W5.6 inch x H6.5 inch) |
| Net Weight | 1.7kg  (3.7 lbs.) |
| OSD Language | English, Chinese, Japanese, German, Spanish, Russian, French, Italian |
| Accessory | AC Power Adapter, Power cable, RS232C Cable, IR Remote Control, Ceiling Bracket, Logo Sticker |

IR Remote Control

128
Ø70.7
32.7
161.8
161.8
151.1

*Simulated pictures.Values for weight and dimensions are approximate.*
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For Instruction Manual

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