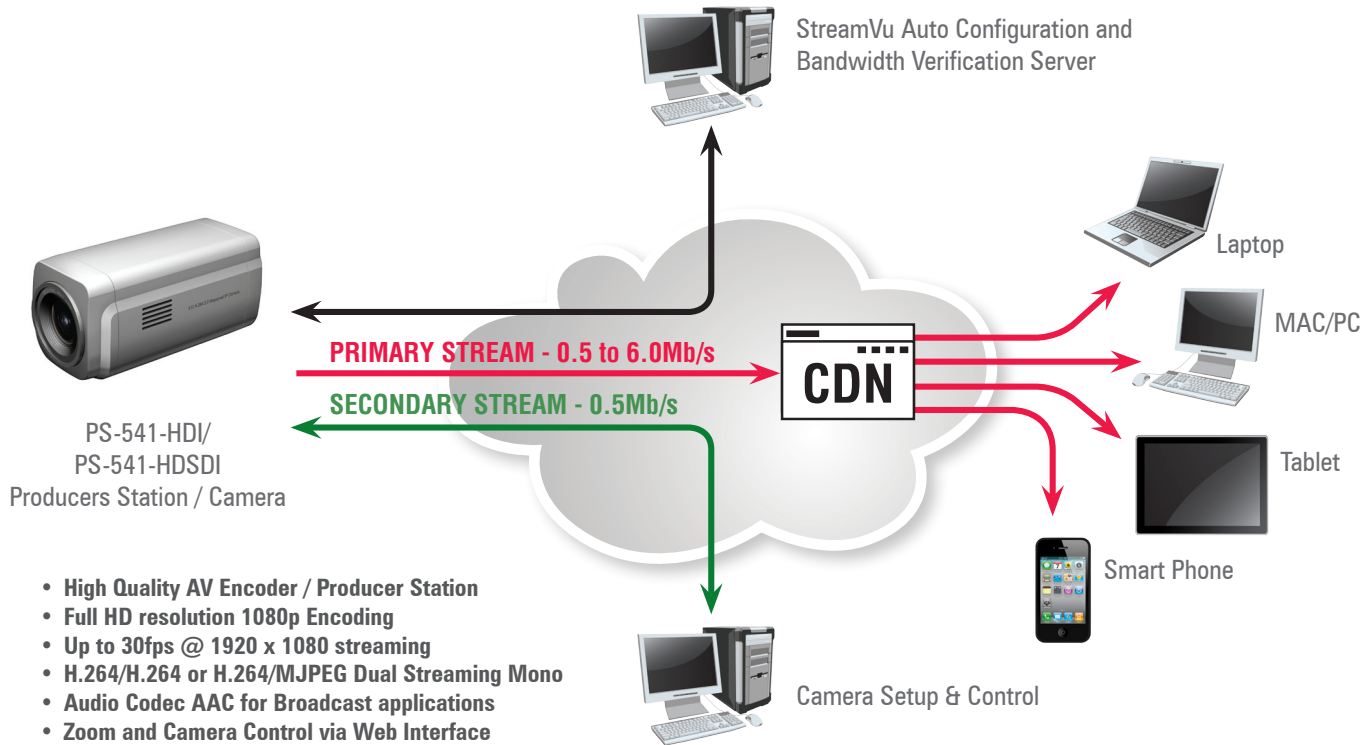


PS-541-HDI / PS-541-HDSDI

High Resolution H.264 Camera with Built-In Producer Station 2.0MP 20x Zoom Camera Zoom and Camera Control via Web Browser Interface



PS-541-HDI/
PS-541-HDSDI
Producers Station / Camera

- High Quality AV Encoder / Producer Station
- Full HD resolution 1080p Encoding
- Up to 30fps @ 1920 x 1080 streaming
- H.264/H.264 or H.264/MJPEG Dual Streaming Mono
- Audio Codec AAC for Broadcast applications
- Zoom and Camera Control via Web Interface
- Stereo Audio Input
- Built-in PoE (Power Over Ethernet: 802af)
- Automatic Control of Video
- Bit Rate Control (32kbps ~ 10Mbps)

The PS-541-HDI / PS-541-HDSDI combine an HD 2.0MP Zoom camera and Producer Station firmware to make an all in one streaming appliance. The Producer Station firmware takes the IP feed of the camera and processes it for automatic transport to the StreamVu TV server via any high speed broadband / Internet connection. The streaming process becomes an automatic function where all you have to do is set up a StreamVu TV account, plug the camera into your internet connection and the Producer Station automatically locates the StreamVu TV sever upon connection to the Internet and power-up, performs a series of discovery tests & analyses, establishes the communication link to the server, and readies the initiation of the broadcast. During a broadcast you have complete control of PTZ and Camera settings via our built in Web Browser.

Each event is scheduled and setup by the You the producer via the Producer Portal prior to starting a broadcast. The Producer Station receives its command & control information via the Internet upon connection, a simple click of a mouse via the Producer Portal is all that is needed to enable the beginning of the broadcast. Likewise, a simple click of a mouse via the Producer Portal is all that is needed to terminate the broadcast.

Producers Station Specs

| | |
|------------------------------------|--|
| System Mode | Encoder |
| Network Network Interface | Ethernet 10 / 100Base-T (RJ-45) |
| Network Protocol | TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP |
| Video Standards Main Stream | H.264 Secondary Stream: N/A |
| Bitrate | 32 ~ 10,240 Kbps |
| Resolution | 1920x1080/60i ~ 352x240/30fps, 18 resolution steps |
| Frame Rate Range | 1 ~ 30fps |
| Motion Detection | Available |
| Audio Standards | AAC |
| Sample Rate | AAC: 32kHz |
| Data Rate | AAC: 64Kbps, 128Kbps |
| Audio | Input 1 x Line-In (RCA Mono) Output 1 x Line-Out (RCA Mono) |

PS-541-HDI / PS-541-HDSDI

2.0MP 20X ZOOM IP BOX CAMERA



PS-541-HDI



PS-541-HDSDI

- 2 MP 1/3" 1920 x 1080 CMOS Sensor
- Full HD resolution 1080p30 / 1080i60 Video and Audio Encoding
- 20x Optical Zoom Lens Built-in (F1.6 ~ F3.5, f=4.7mm ~ 94mm)
- 240x Zoom (20x Optical Zoom, 12x Digital Zoom)
- Up to 30fps @ 1920 x 1080 live streaming
- H.264/H.264 & H.264/MJPEG Dual Streaming
- HD-SDI Video Output (PS-541-HDSDI)
- Two-Way Audio Communication (G.711/AAC)
- True Day & Night (Motorized IR Cut Filter)
- BLC (Back Light Compensation)
- WDR (Wide Dynamic Range)
- SD™ Card Recording
- RS-485 Communication, Pelco D or Pelco P Protocol
- Integrated Video Motion Detection
- 2 Motion Sensor Inputs & 2 Alarm Outputs
- Built-in PoE (Power Over Ethernet: 802.3af)
- Various Protocols:
 - TCP/IP, Multicast, UDP, HTTP, SMTP, FTP,
 - DHCP, DNS, Dynamic DNS, RTP, RTSP, SNMP
- PSIA and ONVIF compliant
- SDK & API Available



PS-541 / PS-541-HDSDI Specs

| SECTION | | SPECIFICATIONS | SECTION | | SPECIFICATIONS |
|------------------|---|---|-----------------------------|--|--|
| Network | Network Interface | Ethernet 10/100Base-T (RJ-45) | Video | Output | PS-571-HDI - 1 x HDMI or PS-571-HDSDI - 1 x HD-SDI (BNC type) |
| | Network Protocol | TCP/IP, UDP, Multicast, DHCP, SMTP, HTTP, SNMP, RTP, RTSP | | Resolution | 1920 x 1080 ~ 352 x 240, 18 resolution steps |
| Camera | Image Sensor | 2.0M 1/3" CMOS Image Sensor | | Max Frame Rate | H.264/MJPEG: 30fps @ all resolutions |
| | Focal Length | F1.6 ~ F3.5, f=4.7mm ~ 94mm | Bitrate | 32 ~ 10,240 Kbps | |
| | Zoom | 20x Optical Zoom and 12x Digital Zoom | Algorithm | G.711/AAC | |
| | Focus Position | ∞ ~ 1 cm | Input | 1 x Line-In (Mini-stereo) | |
| | Angle of View | Horizontal: 54.1(Wide) ~ 3.0(Tele) | Output | 1 x Line-Out (Mini-stereo) | |
| | Minimum Illuminance | 1.7 Lux (Color) .03 Lux (B/W), F1.8 with 50 IRE | Sample Rate | G.711: 8kHz / AAC: 32kHz | |
| | S/N Ratio | 50 dB or more | Bitrate | G.711: 64Kbps, AAC: 64Kbps, 128Kbps | |
| | AE Mode | Auto, Manual, Bright, Shutter Priority, Iris Priority, Spot | Port | 1 x RS-485 | |
| | IRIS Control | Auto / Manual (F1.8 ~ F26, Close) | Data Rate | 2,400bps ~ 115,200bps | |
| | Gain Control | Auto / Manual (-3 ~ 18 dB) | Sensor Input | 1 x Photo-Coupler Input | |
| | Shutter Control | Auto / Manual (1/2 ~ 1/10,000 sec) | Alarm Output | 1 x Relay Output (Normal Open) | |
| | White Balance | Auto / Manual (Red, Blue Gain Adjustable) | Reset Button | Factory Reset Button | |
| | DSS Limit | 1/60 ~ 1/2 or 1/50 ~ 1/2 | User Interface | System Status | LED |
| | Day & Night | Auto / Day / Night (ICR) | Software | True NVR/CMS | Live Monitoring, Recording, Search & Playback, Backup |
| BLC | Auto / Manual | Physical | Dimensions | 167.1(L) x 74(W) x 73(H)mm / 6.6(L) x 2.9(L) x 2.9(H)in | |
| WDR | On / Off | | Weight | 685 g / 1.5 lbs | |
| Aperture Control | 16 steps | | Power Source | DC 12V/0.7A PoE: 802.3af | |
| Standards | Main Stream: H.264 Secondary Stream: H.264 MJPEG | | Power Consumption | Max 8.5W | |
| Video | | Operating Temp. | -10°C ~ 50°C / 14°F ~ 122°F | | |

The SD mark is a trademark of SD-3C LLC.

Features, specifications, pricing, and dimensions are subject to change without notice.
Physical appearance of products may vary slightly from images shown on this document. Please visit our website for updates and information.