

Switchers

5-Channel All-in-one Streaming Switcher

iCAST 10NDI

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|------------------------------------|---|
| Video Standard | HD & SD |
| Video Format | <p>Input: 1080p60/59.94/50, 1080p30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50 480i59.94, 576i50</p> <p>Output: 1080p60/59.94/50→1080p60/59.94/50 1080p30/29.97/25/24/23.98→1080p30/29.97/25/24/23.98 1080i60/59.94/50→1080p30/29.97/25 720p60/59.94/50→720p60/59.94/50 480i59.94, 576i50→480p29.97, 576p25 (not supporting interlace)</p> |
| Input Routable / Crosspoint | N/A |
| Video Input | 1 x 3G/HD/SD-SDI (BNC 75 ohm) 4 x HDMI 1.4 (Channel 1 as SDI/HDMI selectable) 1 x USB 3.0 3 x RTSP/ SRT/ NDI HX via IP Stream |
| Mix HD & SD Source | Yes |
| Computer Graphic Interface | 4 via HDMI |
| Video Output | 1 x 3G/HD/SD-SDI loop-through 1 x HDMI 1.4 1 x HDMI 1.4 (Multiview) 2 x RJ-45 female (10/100/1000M Ethernet) (LAN & WAN) |
| Down-converted Output | 1080p output |
| Built-in Multi-view Monitoring Out | HDMI x1 |
| Analogue Audio Input | XLR Balanced audio x2 RCA Unbalanced audio x 1 pair SDI embedded audio HDMI embedded audio IP Audio (RTSP AAC-ADTS, PCM) (External and embedded audio mixable) |
| Analogue Audio Output | 3.5mm x1 (headphone, PGM audio monitoring) |
| Audio Delay Calibration | Each channel delay time: 0-3000ms |
| Chromakey | N/A |
| Title Creator | Web GUI |
| USK | N/A |
| DSK | N/A |
| Picture in Picture | Yes (PGM) |
| Logo Insertion | Yes |

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| Still Store | N/A |
| Effects | Cut |
| Transition Preview | N/A |
| Sync / Reference In/Out | N/A |
| Tally Output | N/A |
| PC Remote Control | Web UI for system configuration and control Serial Port Control: RS-232 (RJ-45) |
| Camera Control | N/A |
| Built-in Audio Mixer | Yes |
| Storage | SATA (6Gb/s) |
| Recording File System | FAT, exFAT |
| Recording File Format | MP4 |
| Video Encode | H.264 |
| Audio Encode | AAC-LC Sample rate: 48KHz, 16bit AAC-LC Sample rate: 48KHz, 16bit Configurable bit rate: 128K or 256K or 384K |
| Streaming Protocol | DHCP client TS over UDP (unicast & multicast) RTSP over HTTP/TCP/UDP RTMP (Publish)/RTMPS HLS SRT Caller and Listener Web RTC (encode/decode) NDI Hx |
| Firmware Update | Web UI (network) |
| Special Features | Vertical video: crop or rotate Vertical video Multiview |
| Chassis | 1RU rack-mount mainframe |
| Dimension (LxWxH) | 440 x 284 x 44mm |
| Weight | 2.9 kg |
| Power | DC 12V 24W |
| Operating Temp. Range | 0~40 °C |
| What's in the Box | 1 x iCast 10NDI main unit 1 x DC 12V Power Adaptor 2 x 1U Rack Mount Ear 6 x M4 Screws for Rack Mount Ear 1 x 2.5" Removable HDD/SSD Enclosure 4 x Screws for 2.5 Removable HDD/SSD Enclosure 1 x Blank Label 1 x SATA to USB 3.0 Cable |