Switchers

5-Channel All-in-one Streaming Switcher

iCAST 10NDI

Video Standard	HD & SD
Video Format	Input: 1080p60/59.94/50, 1080p30/29.97/25/24/23.98 1080i60/59.94/50 720p60/59.94/50 480i59.94, 576i50 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)
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

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