

Technical specifications

	StudioPro-NDI	StudioPro-3	StudioPro-8	StudioPro-16	StudioPro-2110
Video Input <i>Simultaneous external video inputs, supporting any combination of compatible sources in resolutions up to UHD at frame rates up to 60fps (2160p60)</i>	48	48	48	64	64
Network Video Input NDI/RTMP/UDP/SRT/RIST	NDI/RTMP/UDP/SRT/RIST	NDI/RTMP/UDP/SRT/RIST	NDI/RTMP/UDP/SRT/RIST	NDI/RTMP/UDP/SRT/RIST	NDI/RTMP/UDP/SRT/RIST
Hardware Video Input/Output	1 x 10GbE Ethernet Interface (NDI) 1 x 2.5GbE Ethernet interface (NDI) 4 x 1GbE PoE+ (NDI)	12 x configurable 3G-SDI (HD)	8 x configurable 12G-SDI (HD/4K/8K)	16 x configurable 12G-SDI (HD/4K/8K)	2 x QSFP28 (100GbE) ST 2110, ST 2022-7 - HD: 16 inputs and 16 outputs - 1080p60: 16 inputs and 16 outputs - 1080p60: 16 inputs and 16 outputs
PTZ <i>Support for simultaneous Pan-Tilt-Zoom (PTZ) robotic cameras via serial and network protocols, including RS232, RS422 and IP, with integrated controls and preset system</i>	48 simultaneous	48 simultaneous	48 simultaneous	64 simultaneous	64 simultaneous
Video Output	Program Output, Preview Output and 4 auxiliary independent UHD via IP	Program Output, Preview Output and 4 auxiliary independent with simultaneous delivery via IP (UHD) and SDI (HD)	Program Output, Preview Output and 8 auxiliary independent UHD with simultaneous delivery via IP and SDI	Program Output, Preview Output and 8 auxiliary independent UHD with simultaneous delivery via IP and SDI	Program Output, Preview Output and 8 auxiliary independent UHD via IP
Network Video Output <i>Program as NDI/RTMP/SRT. Preview as NDI/RTMP/SRT. Independent Multiview outputs via NDI. Scene & Source outputs via NDI.</i>	✓	✓	✓	✓	✓
Conference Calling (Advanced) <i>Support for multiple simultaneous video conferencing call inputs including Zoom, Microsoft Teams, Skype TX & QuickLink StudioCall</i>	✓	✓	✓	✓	✓
Conference Calling <i>Support for multiple simultaneous Slack, Discord, Tencent, WhatsApp, FaceTime, Google Meet, Facebook Messenger and more.</i>	✓	✓	✓	✓	✓
Stream Output <i>SRT, RTMP, NDI, HLS Resolution independent streaming outputs. Independently configurable with simultaneous recording</i>	4	4	8	8	8

Contact:

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Multiviewer Output	4 x Multiviewer outputs - 2 x HDMI - 2 x DisplayPort	4 x Multiviewer outputs - 2 x HDMI - 2 x DisplayPort	4 x Multiviewer outputs - 2 x HDMI - 2 x DisplayPort	4 x Multiviewer outputs - 1 x HDMI - 3 x DisplayPort	4 x Multiviewer outputs - 1 x HDMI - 3 x DisplayPort
Mix/Effect Output	48 individual mixed Scenes	48 individual mixed Scenes	120 individual mixed Scenes	120 individual mixed Scenes	120 individual mixed Scenes
DSK Channels	8	8	16	16	16
Media Sources <i>Image (png, jpg, jpeg, gif, fra, bmp). Video (mp4, ts, mov, flv, mkv, avi, mp3, ogg, aac, wav, gif, webm)</i>	✓	✓	✓	✓	✓
NewBlue Captivate™ Software <i>Industry-leading on-air graphics, titles and animation.</i>	✓	✓	✓	✓	✓
Third-party Overlays <i>Integration with Dizplai, Flowics, HYPER and Singular. Support for any other HTML5 graphic providers</i>	✓	✓	✓	✓	✓
Keyers <i>Virtual keying via on-board or NVIDIA AI engine</i>	✓	✓	✓	✓	✓
Artificial Intelligence <i>AI Features; Noise Suppression, Background Removal, Eye Contact, Denoising, Auto-Framing, Upscaling, Virtual Greenscreen</i>	✓	✓	✓	✓	✓
Virtual Sets <i>Supports industry standard virtual sets and virtual set providers</i>	✓	✓	✓	✓	✓
Macros <i>Record, store, edit and automate commands and user-configured operation sequences</i>	✓	✓	✓	✓	✓
Recording <i>ISO recording of scenes/ sources and program output (mp4, mov, mkv, ts, m3ub) via NDI</i>	8	8	10	10	10
Storage	4 TB SSD internal storage - Supports recording to external storage via 7 USB 3.2 type A, and 1 USB 3.2,type C, 1 USB 2.0 2(Gen2, Type A) - Supports shared storage integration and third-party partner solutions	4 TB SSD internal storage - Supports recording to external storage via 7 USB 3.2 type A, and 1 USB 3.2,type C, 1 USB 2.0 2(Gen2, Type A) - Supports shared storage integration and third-party partner solutions	4 TB SSD internal storage - Supports recording to external storage via 7 USB 3.2 type A, and 1 USB 3.2,type C, 1 USB 2.0 2(Gen2, Type A) - Supports shared storage integration and third-party partner solutions	4 TB SSD internal storage - Supports recording to external storage via 7 USB 3.2 type A, and 1 USB 3.2,type C, 1 USB 2.0 2(Gen2, Type A) - Supports shared storage integration and third-party partner solutions	4 TB SSD internal storage - Supports recording to external storage via 7 USB 3.2 type A, and 1 USB 3.2,type C, 1 USB 2.0 2(Gen2, Type A) - Supports shared storage integration and third-party partner solutions
Support for Hardware Controllers <i>StudioPro Fusion, StudioPro Proton, and via hotkeys (short-cuts), Bitfocus Companion and WebSocket API</i>	✓	✓	✓	✓	✓

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	StudioPro-NDI	StudioPro-3	StudioPro-8	StudioPro-16	StudioPro-2110
Remote Control via StudioPro™ IP Panel (web-based)	✓	✓	✓	✓	✓
MIDI Support for standard MIDI third-party devices	✓	✓	✓	✓	✓
Hardware Audio Inputs/ Outputs	2 x stereo 1/4" TRS (4 line level unbalanced in) 2 x stereo 1/4" TRS (4 line level unbalanced out)	2 x stereo 1/4" TRS (4 line level unbalanced in) 2 x stereo 1/4" TRS (4 line level unbalanced out)	<u>Option #1 (Standard)</u> 2 x stereo 1/4" TRS (4 line level unbalanced in) 2 x stereo 1/4" TRS (4 line level unbalanced out) <u>Option #2 (Purchase)</u> 8 x XLR (8 line level balanced in)*** 8 x XLR (8 line level balanced out)***	8 x XLR (8 line level balanced in) 8 x XLR (8 line level balanced out)	Embedded
Network Audio NDI/Dante****/Livewire+ AES67**	✓	✓	✓	✓	✓
Genlock		Genlock input supporting SD (Bi- level) or HD (Tri-level) reference signals	Genlock input supporting SD (Bi- level) or HD (Tri-level) reference signals	Genlock input supporting SD (Bi- level) or HD (Tri-level) reference signals	Integrated hardware PTP for ST 2059-2
Supported Input & Output Formats	8K – 25, 30, 50, 60 * 4K – 25, 30, 50, 60 * 2K – 25, 30, 50, 60 * 1080i – 50, 59.94, 60 1080p – 23.98, 24, 25, 29.97, 30, 50, 59.94, 60	8K – 25, 30, 50, 60 * 4K – 25, 30, 50, 60 * 2K – 25, 30, 50, 60 * 1080i – 50, 59.94, 60 1080p – 23.98, 24, 25, 29.97, 30, 50, 59.94, 60	8K – 25, 30, 50, 60 * 4K – 25, 30, 50, 60 * 2K – 25, 30, 50, 60 * 1080i – 50, 59.94, 60 1080p – 23.98, 24, 25, 29.97, 30, 50, 59.94, 60	8K – 25, 30, 50, 60 * 4K – 25, 30, 50, 60 * 2K – 25, 30, 50, 60 * 1080i – 50, 59.94, 60 1080p – 23.98, 24, 25, 29.97, 30, 50, 59.94, 60	8K – 25, 30, 50, 60 * 4K – 25, 30, 50, 60 * 2K – 25, 30, 50, 60 * 1080i – 50, 59.94, 60 1080p – 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
HDR / 10 Bit SDR	✓	✓	✓	✓	✓
Monitoring Number of Multiviewer displays supported	4	4	4	4	4
Tally (Hardware) Support via HD37 GPIO. 32 outputs (16 PRV, 16 PGM). Reverse logic option via software		✓	✓	✓	
Tally (Network) Support via NDI®	✓	✓	✓	✓	✓
NIC	1 x 10GbE NIC 1 x 2.5GbE NIC 4 x 1GbE NIC	1 x 10GbE NIC 1 x 2.5GbE NIC 2 x 1GbE NIC***	1 x 10GbE NIC 1 x 2.5GbE NIC 2 x 1GbE NIC***	2 x 10GbE NIC 2 x 1GbE NIC***	2 x 10GbE NIC 2 x 1GbE NIC***
RRC™ (Reliable Rugged Chassis), Dual Hot-Swap Power Supply	✓	✓	✓	✓	✓
Raided Drives RAID 1 for redundancy				✓	✓
System Physical	2U chassis 480mm (W) x 88mm (H) x 496mm (D) 18.89" (W) x 3.46" (H) x 19.52" (D) Weight: 9.7kg (21.4 lb)	2U chassis 480mm (W) x 88mm (H) x 496mm (D) 18.89" (W) x 3.46" (H) x 19.52" (D) Weight: 9.7kg (21.4 lb)	2U chassis 480mm (W) x 88mm (H) x 496mm (D) 18.89" (W) x 3.46" (H) x 19.52" (D) Weight: 9.7kg (21.4 lb)	4U chassis 440mm (W) x 176mm (H) x 468mm (D) 17.32" (W) x 6.93" (H) x 18.43" (D) Weight: 17kg (37.5 lb)	4U chassis 440mm (W) x 176mm (H) x 468mm (D) 17.32" (W) x 6.93" (H) x 18.43" (D) Weight: 17kg (37.5 lb)

Subject to change without notice

* = Capabilities depend on storage performance, network bandwidth, video format and CPU loading

** = Software license required

*** = Additional hardware required

**** = Additional hardware and software required

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