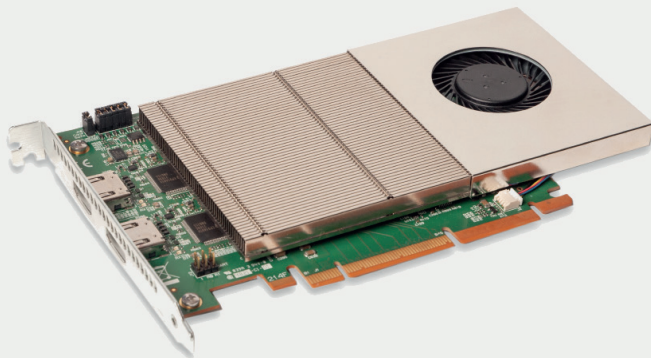


VisionSC UHD2

2x UHD HDMI Capture Card up to 4:4:4



Dual HDMI capture card supporting UHD input with up to 4:4:4 chroma subsampling. Ideal for video walls requiring high color accuracy, it captures rich, detailed video from premium HDMI sources for precise visual presentation.

VisionSC UHD2 is a premium capture card engineered for AV professionals who demand ultra-high resolution, colour accuracy, and flawless performance. Designed to support the most visually impactful installations—from command and control rooms to reception displays, collaboration spaces, and digital signage—VisionSC UHD2 ensures exceptional video quality and a seamless user experience.

Built on the Vision Performance Driver, VisionSC UHD2 delivers advanced features including single-line capture latency with LiveStream, multiple simultaneous capture instances via MultiStream, and precise hardware timestamping. HDMI signal conditioning supports longer cable runs, while automatic mode detection ensures fast and reliable setup. Inputs can be frame-synchronized for dual 4K to 8K x 2K workflows, and an onboard Colour Space Converter provides flexible format handling.

An advanced hardware scaling engine ensures superb antialiasing when downscaling and smooth transitions when upscaling—making VisionSC UHD2 a powerful and reliable solution for high-end AV capture applications.

Features & Benefits

- Simultaneous capture of up to two 4K inputs at 3840×2160
- Supports up to 4:4:4 chroma subsampling for superior color fidelity
- High-performance video acquisition for professional AV workflows
- Seamless integration into multi-channel systems
- Designed for scalability in high-resolution environments
- Ideal for live production, control rooms, and content creation
- Compact, robust design for mission-critical deployments

Technical Specification

Video Inputs

Interfaces

- 2x HDMI (Type A connector)
- Supported standards: HDMI 2.0, from SD up to HDP60

Resolutions/Frame Rates

- 4096x2160p @60, 59.94, 50, 30, 29.97, 25, 24, 23.98Hz (4K DCI)
- 3840x2160p @60, 59.94, 50, 30, 29.97, 25, 24, 23.98Hz (UHD)
- 2048x1080p @60, 59.94, 50, 30, 29.97, 25, 24, 23.98Hz (2K)
- 1920x1080p @60, 59.94, 50, 30, 29.97, 25, 24, 23.98Hz (HD)
- 1920x1080i @60, 59.94, 50Hz
- 1280x720p @60, 59.94, 50, 30, 29.97, 25Hz
- 720x480/576i @60, 59.94, 50Hz (SD)

Additional Features

- ITU-R BT.2020
- 10-bit support

Environmental/Regulatory

- Operating Temperature: 0°C to 35°C/32°F to 96°F
- Relative Humidity: 5% to 90% non-condensing
- EMC standards: FCC part 15/ICES-003 Class A & CE
- Power: 21W max, typical 21W
- MTBF: 11.4 years
- Not controlled under ITAR
- TAA-compliant

Physical

- Dimensions: 4.33" (H) 0.71" (W) 7.68" (D), 110 mm (H) 18 mm (W) 195 mm (D)
- Weight: 0.55lbs (0.25kg)

Ordering information (P/N)

- 19412 - VisionSC UHD2 - Capture Card - HDMI - 2x 4K

Input Cards

	VisionSC UHD2	VisionSC DP2	VisionSC SDI4	VisionSC HD4+	Active SQX2
Inputs	2x HDMI	2x DisplayPort	4x SDI	4x HDMI	2x 1Gb Ethernet
Max. Resolution	4Kp60 (4:4:4)	4Kp60	HDp60	4Kp60 (2x) (4:2:0) or HDp60 (4x)	4Kp60 (1x) or HDp60 (6x)
Usage Category	HDMI Capture	DisplayPort Capture	SDI Capture	HDMI Capture	IP Stream Capture