

# MetaDeck



Media Upload/Download

Professional A/V I/O

Recording & Playback

EDL Editing

Professional Waveform Monitor

# MetaDeck

## ☆ Product Overview

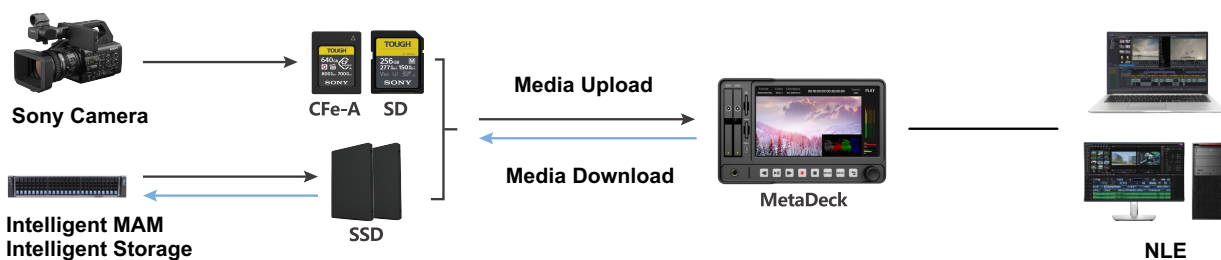
MetaDeck is a portable all-in-one media processing unit that integrates media upload/download, professional A/V I/O expansion, and 4K recording/playback capabilities.

- Supports media upload/offload via CFexpress Type A (CFe-A), SD, and SSD, enabling high-speed media exchange with NLE systems
- Supports host I/O expansion for NLE ingest and output, with simultaneous HDR/SDR output
- Supports dual-channel 4K signal recording and playback

## 🔧 Scenarios

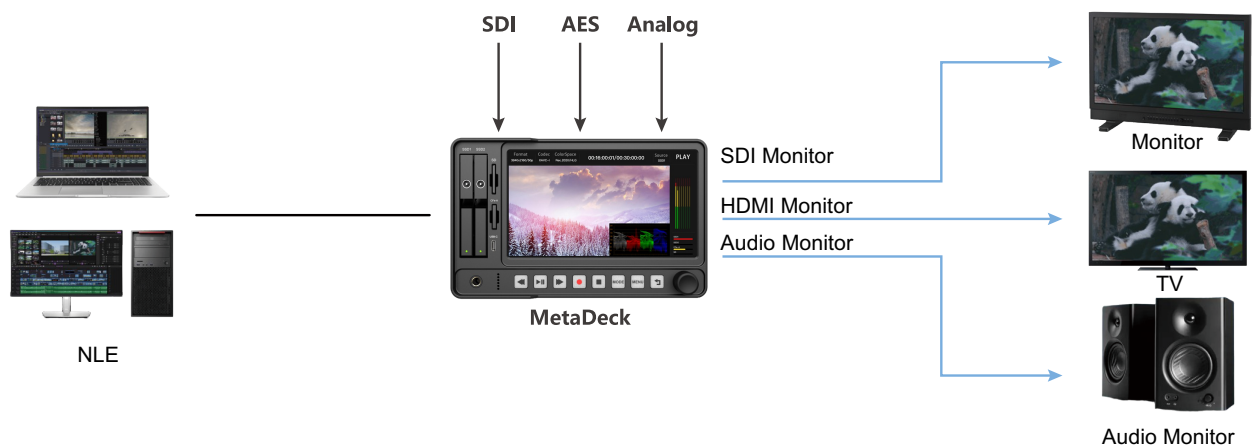
### Media Upload/Download

- Designed for NLE media upload/download workflows. Supports high-speed media exchange between removable media storage (CFe-A / SD / SSD) and NLE via USB4. Media files can be imported from removable media to NLE for editing, or NLE footage and finished programs can be directly exported to removable media.
- Supports reading and standardized writing of Sony camera media metadata. After shooting, footage can be losslessly uploaded to NLE for subsequent editing.



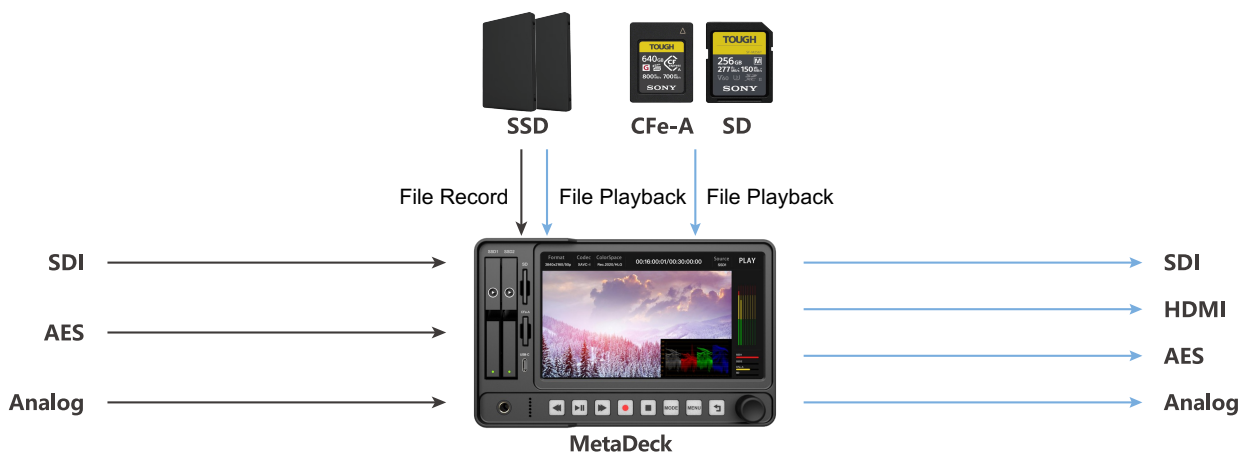
## Professional A/V I/O

- Applicable to broadcast-grade professional capture scenarios. It supports ingesting signals from cameras, recorders, and on-site sources into non-linear editing software for production, and supports the capture of various broadcast-grade 4K HDR and HD SDR working formats. Designed for on-set monitoring in post-production. Compatible with most common editing software.
- Applicable to on-site monitoring scenarios in post-production. It is compatible with most mainstream editing software, supports signal up/down conversion, and can output HDR and SDR signals simultaneously. This meets the monitoring needs of UHD program post-production collaboration using broadcast-grade monitors, HDR TVs, and other display devices.
- MetaDeck can be installed in an equipment rack or placed directly on a workstation desk for post-production use, making it suitable for a variety of in-studio and outdoor production scenarios.



## Recording & Playback

- Support dual-channel 4K signal recording and playback, support professional formats such as ProRes and XAVC. Files can be recorded to local hot-swappable SSDs and played back from SSDs and media cards, suitable for scenarios including recording, playout, and highlights replay in studio and OB van environments.
- The recording system adopts open data specifications such as disk information, A/V file metadata, and clip tags. Removable media can be easily exchanged with MRC media asset servers, AS20 storage nodes, and other systems. It also supports seamless integration with production systems via shared storage.
- Support EDL editing mode: mark-in/mark-out editing and playlist creation on MetaDeck. Support importing EDLs from NLE.





 **Device Interface**



# MetaDeck

| General              |                                                       |
|----------------------|-------------------------------------------------------|
| Size (W x H x D, mm) | 210 x 131 x 337.5                                     |
| Power Input          | AC:100V-240V, 50/60Hz; DC: 12V                        |
| Power Consumption    | 120W                                                  |
| I/O                  |                                                       |
| USB 4                | USB 4 Port x 1, connects to a computer                |
| SDI Port             | 12G SDI In x 2, 12G SDI Loop Out x 2, 12G SDI Out x 4 |
| Media Data Interface | 25G SFP28 x 2                                         |
| HDMI Output          | HDMI 2.0 x 2                                          |
| Ethernet             | RJ-45 x 1                                             |
| 10 Gigabit Ethernet  | SFP+ x 1                                              |
| Management Port      | RJ-45 x 1                                             |
| Digital Audio Port   | DB26 x 1                                              |
| Analog Audio Port    | Analog In x 4, Analog Out x 4, XLR                    |
| LTC                  | LTC In x 1                                            |
| REF                  | REF In x 1, Bi-Level or Tri-Level                     |
| Media Slots          | 1 x CFe-A, 1 x SD, 2 x SSD, 1 x USB3.0                |
| Video Standard       |                                                       |
| 4K                   | 3840 x 2160 50p                                       |
| HD                   | 1920 x 1080 50i                                       |

## MetaDeck

### Key Features

- Media Upload/Download
- High-speed media exchange between removable media and NLE systems. Supports concurrent read/write of dual media interfaces: CFexpress Type A (CFe-A) and SD card (UHS-II)
- Supports NLE ingest and output monitoring, supporting multiple 4K/HD video standards
- SDI signal ingest and output supported
- Digital/Analog audio signal ingest and output supported
- HDMI signal output supported
- Up/Down conversion supported; simultaneous HDR/SDR output
- LUT-based up/down conversion supported
- Dual-channel 4K/HD recording and playback; configurable as 2 Rec / 2 Play / 1 Rec + 1 Play
- ProRes, XAVC, and other format recording and playback supported
- 2 hot-swappable SSD slots provided, supporting long-duration, uninterrupted, alternating SSD swap recording
- Import/export media via USB 3.0 interface supported
- Playback from CFe-A card, SD card, and SSD media supported