NEXIS

BS-NDI01



Features.

- 1 HDMI2.0 input and 1 HDMI2.0 Loop output.
- Supports input resolution up to 4K at 3840x2160p@50/60fps.
- Video Recording resolution up to 4K at 3840x2160p@60fps
- 1 Audio In/1 Audio Out 3.5mm Mini jack.
- Hardware video compression
- Supports both image encoding H.264/H.265(HEVC)/AVC, Baseline/Main/High Profile
- Video bit rate up to 64Mbps
- Supports audio encoding in AAC-LC format from 32Kbps to 384Kbps and Sample Rate at 48Khz, 16bit stereo.
- Gigabit Ethernet, supports PoE input (IEEE 802.3af)
- Supports streaming protocols including NDI HX/HX2, RTSP over UDP/TCP/ Multicast/HTTP, RTMP Public.
- Easily set up various settings through the Web Browser GUI.
- 1 port USB3.0 for connecting External Mass Storage.
- 2 ports USB2.0 for connecting Keyboard/Mouse
- Supports RS232/RS485 control
- Supports recording file format MP4, TS and MOV.
- Supports NTFS / FAT32 partitions.
- Front panel buttons, Web GUI, OSD menu control support

Note : • Support USB HDD maximun 2 TB

• For video bit rate at 32 Mbps or higher, must be use FAT32 partitions

• For FAT32 partition the recorded files will be split every 4GB

Specification

Model	BS-NDI01
Max. FPS	3840×2160p@60/50fps
Recording Mode	Hardware Compression
Product Photo	
Input Interfaces	Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio
Output Interface	Video 1×HDMI2.0 Audio 1×3.5mm stereo analog audio

Video Feature	• H.265(HEVC)/H.264/AVC, Baseline/Main/High Profile
	• Configurable Bit Rate Up to 64Mbps
	• Support input / output resolutions
	  • 3840×2160p@60/50fps
	  • 3840×2160p@30/25/24fps
	  • 1920×1080p@60/50fps
	  • 1920×1080p@30/25/24fps
	  • 1280×720p@60/50fps
	  • 1280×1024p@60fps
	  • 1280×960p@60fps
	  • 1024×768p@60fps
	  • 800×600p@60fps
	  • 640×480p@60fps
	  • 720×480p@60fps
	  • 720×576p@50fps

Audio Feature	• AAC-LC • Configurable bit rate range from 32Kbps to 384Kbps • Sample rate : 48KHz, 16bit, Stereo

Network Feature	• 1×RJ45 for 10/100/1000Mbps Ethernet • DHCP client
Support Streaming protocol	• NDI Support • RTSP over UDP/TCP/Multicast/HTTP • RTMP public (web portal) **TS over IP **HLS ** optional by customer request
Misc. Features	• Web UI for system configuration • Firmware upgradable • LED indicator • Status with Power Recycle • 1×USB3.0 (For Keyboard and mouse usage) • 2×USB2.0 (For USB HID device usage) • 1×RS232 + 1×RS485
Record Format	MP4 / TS / MOV