NTS1004 NTS 96CH Decoder

www.meritlilin.com

HDMI

DisplayPort

H.265 / H.264

SSD

12MP 12-megapixel

- ▶ built-in 1 × 500GB 2.5 Inch SATA SSD (OS)
- ▶ built-in 1 × 1TB 3.5 Inch SATA HDD (recording)
- ▶ Support up to 2 x 3.5 Inch SATA HDD
- ▶ Dual streaming decoding mode supported
- ▶ 4 monitors support up to 96 channels in total (480P 15fps)
- ▶ Built-in Gigabit Ethernet port RJ-45 x1
- ▶ Built-in 800W Power Supply
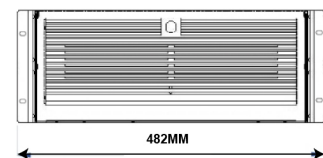- ▶ 4U dimension for standard cabinet

Introduction

LILIN NTS1004 is our new TVWALL display server, it can support up to 4 monitor displays with a total of number of channels of 96. Combined with our Navigator Software and NCC software, it supports LILIN IP cameras, PTZ dome IP cameras, DVR, NVR, NAV Recording server as well as AVI file and RTSP stream. It also supports cross monitor function. It helps you to achieve not just a single video display, but multiple input multiple output solution perfect for security company that need to monitor sensitive site 24hours. Via this display server, it can also be used as a digital signage device, so the end user can decide which video to play on which monitor, ideal for a department store or airport.

Dimensions

177 (H) × 482 (W) × 650 (D) mm

NTS1004 A401

Front

482MM

Side

177.6MM

558MM

607MM

NTS 96CH Decoder

Basic Spec

Model	NTS1004
Network video support	LILIN IP camera, LILIN IP camera over HTTPS, LILIN Fisheye camera, LILIN IP speed dome, LILIN DVR/NVR, LILIN DHD recorder, NAV live streaming, P2P live streaming, ONVIF camera, manual RTSP, screen capture, USB video input, picture capture
Chassis	4U Chassis
Network video input	Up to 96 channels 1080P / 3M / 4M / 5M / 8M / 12M
Network video format	H.264 / H.265 / MJPEG
Maximum network throughput	Upload: up to 500Mbps, Download: up to 500Mbps
Internal HDD / Swap Drive Bay	built-in 1 × 500GB 2.5 Inch SATA SSD (OS) built-in 1 × 1TB 3.5 Inch SATA HDD (recording) Support up to 2 x 3.5 Inch SATA HDD

Video input

Camera name	20 characters
Channel editing	Mouse drag-n-drop
Fisheye Dewarp Mode	Ceiling and ground mounted 1 R One Region, 3 R1O Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 360, 2 P Two Panoramics 180, 8 R1O Eight Regions One Fisheye Wall mounted 1 R One Region, 3 R1O Three Regions One Fisheye, 4 R Four Regions, 2 R1P Two Regions One Panoramic 180, 1 WP One Wall Panoramic 180, 8 R1O Eight Regions One Fisheye
Digital zoom	Yes, ePTZ supported
Privacy Mask	Supported
Remote monitoring	Yes, web and NAV Client

Video output

HDMI output	2 × HDMI port 2.0b (4096 × 2160@60Hz)
DVI output	2 × DVI-D port (1920 × 1080@60Hz)
DisplayPort output	2 × DisplayPort 1.4, (4096 × 2304@60Hz)
Mosaic TV Wall	4 monitors support up to 96 channels video display in total (480P 15fps)
NAV TV Wall	4 monitors support up to 96 channels video display (480P 15fps)
Split screen	4, 9, 16, 25, 36
Dual stream technology	Multi-channel displays D1 and full screen displays 1080P / 3M / 4M / 5M / 8M / 12M resolution
Multi-screen	4 monitors support up to 96 channels in total (480P 15fps)

Alarm / event

Alarm management	Play audio file, send email notification, PTZ preset, digital output triggering, full screen, post alarm record, pre-alarm record, advanced alarm digital output, send customizable HTTP POST CGI URL to third party device, alarm ACK, alarm snapshot, text overlay, App cloud push notification, NCC TV wall ACK, NCC eMap Center Alarm, NCC play sound, NCC global alarm setting, all these action can be automatic or scheduled
Alarm recording	Pre-alarm:1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm Scheduling	Up to four alarm tables with AND logic
Alarm event actions	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital output	Controllable via IP cameras

Video archiving

Accessories

Keyboard	PIH-931D keyboard controllable via rs-485 to usb converter for PTZ, ePTZ, and ROI features
Audio	PCM/G.711/AAC, two-way audio, audio recording
POS	Third party TCP/IP/ RS-232 / Bluetooth supported / HID USB Barcode scanner
Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / HTTPS / SMTP / DNS / PPPoE / SDDP
Mobile support	LILINViewer, iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NAV Client software
eMap	Supported

Hardware

CPU	Intel® Core ™ i7-9700K
RAM	32GB (4 × DDR4 8GB)
Chipset	Intel® Z390
Display card	2 × GTX 1650 4GB
Ethernet Ports	1 × RJ-45 1GbE
Audio	5 × Audio jack(s), 1 × S/PDIF
Rear panel USB port	5 × USB 3.1 , 2 x USB 2.0, 1 x USB Type-C
Front panel USB port	2 x USB 2.0
System fan	2 × 10mm front exhaust fans 2× 80 mm rear exhaust fans
SSD / HDD	built-in 1 × 500GB 2.5 Inch SATA SSD (OS)) built-in 1 × 1TB 3.5 Inch SATA HDD (recording)) Support up to 4 x 3.5 Inch SATA HDD) Note: Do not use WD Purple HDDs for NAV HDD installation. Please use 7200RPM WD Red Pro for non-RAID installation, WD (Gold) Enterprise HDDs for RAID installation, or other Enterprise HDDs

Other

Language	English, Traditional Chinese, Spanish, German, French, Russian, Japanese, Portuguese, Italian, Simplified Chinese, Slovenian, Czech, Hungarian, Turkish, Arabic, Persian, Bengali, Vietnamese
OS	Windows 10 IoT Enterprise SAC
DST	Daylight saving time by Windows OS

Power and environment

Power consumption	800W
Power supply	110V ~ 240V
Operating Temperature	10°C ~ 40°C(50°F ~ 104°F)
Storage Temperature	0°C ~ 70°C(32°F ~ 158°F)
Relative Humidity	10% ~ 90% (non-condensing)
Dimension (mm)	177 (H) × 482 (W) × 650 (D) mm
Color	Black
Weight	35.27 lbs (16.5kg) - Net