

TD-PL1600-4K

4K Resolution 16 Channel HD-TVI/HD-CVI/Analog + IP DVR

Highlights:

- Records 16 Channel HD-TVI / HD-CVI / AHD / Analog Up to 112FPS @ 4K(8MP)
- Records 8 Channel IP Up to 30FPS @ 4K(8MP)
- H.265 / H.264
- Up to 36TB Storage
- HDMI / VGA / BNC
- Free Xcel DDNS
- Xcel CMS and Mobile App Platform Compatible

Introduction:

The Nuvico Xcel TD-P series is available in a 8, 16 or 32 channel model, both supporting HD-TVI, AHD, and Analog plus up to 8 channels of IP video. The TD-P series utilizes the most advanced SOC techniques along with H.265 compression format to deliver real time recording, while maintaining quality and maximizing video storage and fluidity. Based on the Nuvico Xcel software platform, the TD-P series features a mouse driven, clean GUI for easy local control, and is compatible with the Xcel CMS, Web CMS, and mobile apps.

Specifications:

SYSTEM

Compression	Standard H.265 / H.264
OS	Embedded Linux

VIDEO

Input	BNC x 16
Resolution	HD-TVI / HD-CVI / AHD: 15fps @ 8MP, 20fps @ 5MP, Real Time 4MP, 3MP, 1080p, 720p, WD1
IP Input / Bandwidth	IP x 8 / 32Mbps
Output	HDMI x 1: 4Kx2K, 1920x1080, 1280x1024, VGA x 1: 1920x1080, 1280x1024, BNC x 1: CVBS (Used as the main or spot output)

AUDIO

Input	RCA x 8
Output	RCA x 1
Two-way Audio	RCA x 1

RECORD

Resolution	8MP/Lite, 5MP/Lite, 4MP/Lite, 3MP, 1080p, 720p, WD1
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Frame Rate	NTSC: 7fps @ 8MP, 15fps @ 8MP Lite, 12fps @ 5MP, 20fps @ 5MP Lite, 15fps @ 4MP, 15fps @ 3MP, 30fps @ 4MP Lite, 1080p, 720p, WD1, D1 PAL: 8fps @ 8MP, 12fps @ 8MP Lite, 12fps @ 5MP, 20fps @ 5MP Lite, 12fps @ 4MP, 12fps @ 3MP, 25fps @ 4MP Lite, 1080p, 720p, WD1, D1
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, Timer, Alarm Linkage

IP INPUT

Resolution	Up to 8MP
Frame Rate	NTSC: 30fps, PAL: 25fps



NETWORK

Interface	RJ45 10/100/1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP

Web Client Multiple Users Online

PLAYBACK

Playback	16 Channel
Search	Time Slice, Time, Event, Tag Search

Smart Search Highlighted color to display the camera record in a certain period of time, different colors refers to different record events

Function Play, Pause, FF, FB, Digital Zoom, etc.

ALARM

Mode	Manual, Motion, Exception, Smart Event
Input	16
Output	4
Triggering	Record, Snap, Buzzer, Preset, E-mail, etc.

MOBILE DEVICE

OS iOS, Android

STORAGE / BACKUP

HDD	SATA x 2, e-SATA x 1, Max 18TB per HDD
Local Backup	U Disk, USB Mobile HDD

Network Backup Yes

Port

RS485	RS485 x 1, Connect to PTZ or Keyboard
USB	USB 2.0 x 2 (One in the front panel and one in the rear panel)

Remote Controller Yes

GENERAL

Power Requirement	12VDC, 48W Max
Power Consumption	≤ 30W (without HDD)
Working Environment	14°F ~ 122°F
Relative Humidity	10% ~ 90%
Weight	6.06 lbs
Form Factor	1U Rackmount Case
Dimensions	14.96" W x 10.55" D x 2.05" H
Warranty	3 Years
Package Contents	Recorder, IR Remote, USB Mouse, Power Cord, Rackmount Ears