

## TD-P1600

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

### Highlights:

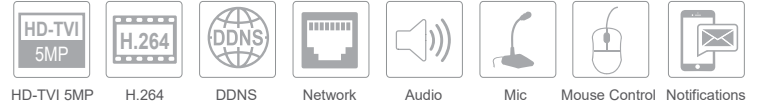
- Records 16 Channel HD-TVI / HD-CVI / AHD / Analog Up to 160FPS @ 5MP
- Records 4 Channel IP Up to 120FPS @ 4MP
- H.264
- Up to 72TB Storage
- HDMI / VGA / BNC
- Free Xcel DDNS
- Xcel CMS and Mobile App Platform Compatible

### Introduction:

The Nuvico Xcel TD-P series is available in a 16 or 32 channel model, both supporting HD-TVI, AHD, and Analog plus 4 channels of IP video. The TD-P series utilizes the most advanced SOC techniques along with H.264 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.264 High Profile
OS	Embedded Linux
VIDEO	
Input	BNC x 16
Resolution	HD-TVI / AHD: 20fps @ 5MP, 4MP, 3MP, 1080p, 720p, WD1 Real Time HD-CVI: 1080p, 720 Real Time
IP Input / Access Bandwidth	IP x 4 / 24Mbps
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 16
Output	RCA x 1
Two-way Audio	RCA x 1
RECORD	
Resolution	5MP, 4MP, 4MP Lite, 3MP, 1080p, 720p, WD1
Frame Rate	NTSC: 10fps @ 5MP, 15fps @ 4MP, 3MP, 30fps @ 4MP Lite, 1080p, 720p, WD1 PAL: 10fps @ 5MP, 12fps @ 4MP, 3MP, 25ps @ 4MP Lite, 1080p, 720p, WD1
Bit Rate	768Kbps ~ 8Mbps
Mode	Manual, Timer, Motion, Sensor
IP INPUT	
Resolution	4MP, 3MP, 1080p, 960p, 720p
Frame Rate	NTSC: 30fps, PAL: 25fps



NETWORK	
Interface	RJ45 10/100/1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, 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, Sensor, Motion, Exception
Input	16
Output	4
Triggering	Record, Snap, Preset, E-mail, etc.
MOBILE DEVICE	
OS	iOS, Android
STORAGE / BACKUP	
HDD	SATA x 4, Max 18TB per HDD
Local Backup	U Disk, USB Mobile HDD
Network Backup	Yes
Port	
RS485	RS485 x 2, Connect to PTZ or Keyboard
USB	USB 2.0 x 1 ( Front panel ) USB 3.0 x 1 ( Rear panel )
Remote Controller	Yes
GENERAL	
Power Requirement	ATX250W
Power Consumption	≤ 20W (without HDD)
Working Environment	14°F ~ 122°F
Relative Humidity	10% ~ 90%
Weight	12.57 lbs
Form Factor	1.5U Rackmount Case
Dimensions	17.32" W x 15.25" D x 2.76" H
Warranty	3 Years
Package Contents	Recorder, IR Remote, USB Mouse, Power Cord, Rackmount Ears, Installation CD, Manual