

## TN-EN12800 4K Resolution 128 Channel NVR

### Highlights:

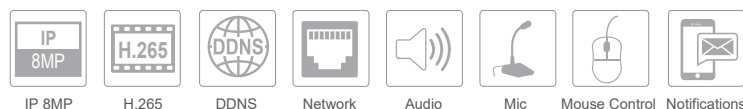
- 128 Channel IP
- RAID0, RAID1, RAID5, RAID6, RAID10
- Up to 8MP Resolution
- 384Mbps Max Throughput
- H.265 / H.264
- Up to 160TB Storage
- HDMI x 2 / VGA
- Xcel CMS and Mobile App Platform Compatible

### Introduction:

The Nuvico Xcel TN-EN series is available in a 64 or 128 channel model supporting IP video. The TN-EN 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 TN-EN 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                    | 128 Channel IP                                                                                                                 |
| Network Access Bandwidth | 384Mbps                                                                                                                        |
| Network Access Format    | 25/30fps @ 8MP, 5MP, 4MP, 3MP, 1080p, 960p, 720p                                                                               |
| Output                   | HDMI x 2: HDMI 1 at 4K, 1920x1080, 1280x1024, HDMI 2 at 1920x1080, 1280x1024<br>VGA x 1: 1920x1080, 1280x1024                  |
| AUDIO                    |                                                                                                                                |
| Output                   | RCA x 1                                                                                                                        |
| Two-way Audio            | RCA x 1                                                                                                                        |
| RECORD                   |                                                                                                                                |
| Record Stream            | Three-stream Recording                                                                                                         |
| Frame Rate               | 25/30fps @ 8MP, 5MP, 4MP, 3MP, 1080p, 960p, 720p                                                                               |
| Mode                     | Manual, Timer, Motion, Sensor                                                                                                  |
| PLAYBACK                 |                                                                                                                                |
| Simultaneous Playback    | Max 16 Channels                                                                                                                |
| 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.                                                                                        |



### NETWORK

|            |                                                   |
|------------|---------------------------------------------------|
| Interface  | RJ45 10/100/1000 Mbps x 2                         |
| Protocol   | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP |
| Web Client | Max 20 Users Online                               |

### ALARM

|            |                                                                |
|------------|----------------------------------------------------------------|
| Mode       | Manual, Sensor, Motion, Exception                              |
| Input      | 8 Channel Local Alarm Input, 128 Channel IP Camera Alarm Input |
| Output     | 4 Channel                                                      |
| Triggering | Record, Snap, Preset, E-mail, etc.                             |

### MOBILE DEVICE

|    |              |
|----|--------------|
| OS | iOS, Android |
|----|--------------|

### STORAGE / BACKUP

|                |                                            |
|----------------|--------------------------------------------|
| HDD            | SATA x 16, e-SATA x 1<br>Max 10TB Each HDD |
| Disk Array     | RAID0, RAID1, RAID5, RAID6, RAID10         |
| Local Backup   | U Disk, USB Mobile HDD                     |
| Network Backup | Yes                                        |

### Port

|     |                                                         |
|-----|---------------------------------------------------------|
| USB | USB 3.0 x 1 ( Rear panel)<br>USB 2.0 x 2 ( Front panel) |
|-----|---------------------------------------------------------|

### GENERAL

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Power Requirement   | ATX                                                                         |
| Power Consumption   | ≤ 30W (without HDD)                                                         |
| Working Environment | 14°F ~ 122°F                                                                |
| Relative Humidity   | 10% ~ 90%                                                                   |
| Weight              | 40 lbs (w/o HDD)                                                            |
| Form Factor         | 3U Rackmount Case                                                           |
| Dimensions          | 17.2" W x 19.02" D x 5.63" H                                                |
| Warranty            | 3 Years                                                                     |
| Package Contents    | Recorder, Power Cord, Rack Mount Ears, USB Mouse<br>Installation CD, Manual |