

# TRIDVR-EL8

## 8 Channel 2U CVI - IP Network - CCTV Digital Video Recorder

- Each channel supports HDCVI/Analog/IP Video input
- All channel 1080P realtime recording
- H.264 dual-stream video compression
- ONVIF Version 2.4 conformance
- Support 8 SATA HDDs, 1 eSATA, 4 USB2.0



|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| <b>Recording Speed:</b>                     | <b>1080P/720p@30fps</b>                                   |
| <b>Resolution:</b>                          | <b>1080p (1920x1080) / 720p (1280x720) / D1 (704x480)</b> |
| <b>Drive Capacity:</b>                      | <b>8 SATA</b>                                             |
| <b>Video Inputs:</b>                        | <b>8</b>                                                  |
| <b>Ethernet Ports:</b>                      | <b>2</b>                                                  |
| <b>Video Outputs:</b>                       | <b>2 HDMI, 1 VGA, 1 BNC</b>                               |
| <b>Audio Inputs:</b>                        | <b>8</b>                                                  |
| <b>Audio Outputs:</b>                       | <b>1</b>                                                  |
| <b>Alarm Inputs:</b>                        | <b>8</b>                                                  |
| <b>Alarm Outputs:</b>                       | <b>6</b>                                                  |
| <b>Internal DVD Burner Support:</b>         | <b>Yes</b>                                                |
| <b>Smart Phone Access/Push Notification</b> | <b>Yes</b>                                                |
| <b>Motion Activated Recording:</b>          | <b>Yes</b>                                                |
| <b>PTZ Control:</b>                         | <b>Yes</b>                                                |
| <b>Simultaneous Remote Users:</b>           | <b>128</b>                                                |

# TRIDVR-EL8

## Technical Specifications

|                         |              |                                                                                                                                                                  |  |  |
|-------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Model                   |              | TRIDVR-EL8                                                                                                                                                       |  |  |
| System                  |              |                                                                                                                                                                  |  |  |
| Main Processor          |              | Embedded processor                                                                                                                                               |  |  |
| Operating System        |              | Embedded LINUX                                                                                                                                                   |  |  |
| Video                   |              |                                                                                                                                                                  |  |  |
| Input                   |              | 8 channel                                                                                                                                                        |  |  |
| Video Standard          | HDCVI        | 1080P/720P HDCVI Camera                                                                                                                                          |  |  |
|                         | Analog       | NTSC/PAL                                                                                                                                                         |  |  |
|                         | IP           | All channels support 1080P/720P IP Camera                                                                                                                        |  |  |
| Audio                   |              |                                                                                                                                                                  |  |  |
| Input                   |              | 8 channel, BNC                                                                                                                                                   |  |  |
| Output                  |              | 1 channel, BNC                                                                                                                                                   |  |  |
| Two-way Talk            |              | 1 channel input,1channel output, BNC                                                                                                                             |  |  |
| Display                 |              |                                                                                                                                                                  |  |  |
| Interface               |              | 2 HDMI, 1 VGA, 1 TV                                                                                                                                              |  |  |
| Resolution              |              | 1920×1080, 1280×1024, 1280×720, 1024×768                                                                                                                         |  |  |
| Display Split           |              | 1/4/8/9/16                                                                                                                                                       |  |  |
| Privacy Masking         |              | 4 rectangular zones (each camera)                                                                                                                                |  |  |
| OSD                     |              | Camera title, Time, Video loss, Camera lock, Motion detection, Recording                                                                                         |  |  |
| Recording               |              |                                                                                                                                                                  |  |  |
| Video/Audio Compression |              | H.264/G.711                                                                                                                                                      |  |  |
| Record Rate             | Main stream  | 1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)                                                                                                                      |  |  |
|                         | Extra stream | CIF/QCIF(1~25/30fps)                                                                                                                                             |  |  |
| Bit Rate                |              | 48~6144Kb/s                                                                                                                                                      |  |  |
| Recording Mode          |              | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop                                                                                                           |  |  |
| Recording Interval      |              | 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec                                                                                        |  |  |
| Video Detection & Alarm |              |                                                                                                                                                                  |  |  |
| Trigger Events          |              | Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips                                                                          |  |  |
| Motion Detection        |              | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank                                                                                                |  |  |
| Alarm Input             |              | 8 channel                                                                                                                                                        |  |  |
| Relay Output            |              | 6 channel                                                                                                                                                        |  |  |
| Playback & Backup       |              |                                                                                                                                                                  |  |  |
| Sync Playback           |              | 1/4/9/16                                                                                                                                                         |  |  |
| Search Mode             |              | Time/Date, Alarm, MD & Exact search (accurate to second), Smart search                                                                                           |  |  |
| Playback Functions      |              | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital |  |  |

## TRIDVR-EL8

|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
|                            | zoom                                                                                                                 |
| Backup Mode                | USB Device/eSATA Device/Internal SATA burner/Network                                                                 |
| <b>Network</b>             |                                                                                                                      |
| Ethernet                   | 2RJ-45 port (10/100M/1000M)                                                                                          |
| Network Functions          | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P |
| Max. User Access           | 128 users                                                                                                            |
| Smart Phone                | iPhone, iPad, Android, Windows Phone                                                                                 |
| <b>Storage</b>             |                                                                                                                      |
| Internal HDD               | 8 SATA ports(8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB                                                                  |
| External HDD               | 1 eSATA port                                                                                                         |
| <b>Auxiliary Interface</b> |                                                                                                                      |
| USB                        | 4 ports(2 Rear), USB2.0                                                                                              |
| RS232                      | 1 port, For PC communication & Keyboard                                                                              |
| RS485                      | 1 port RS485 for PTZ control                                                                                         |
| <b>General</b>             |                                                                                                                      |
| Power Supply               | AC 100~240 V, 50/60 Hz                                                                                               |
| Power Consumption          | 40W(without HDD)                                                                                                     |
| Working Environment        | -10°C~+55°C/10%~90%RH/86~106kpa                                                                                      |
| Dimension(W×D×H)           | 2U, 440mm×460mm×89mm                                                                                                 |
| Weight                     | 6.5KG(without HDD)                                                                                                   |

## System Connection

