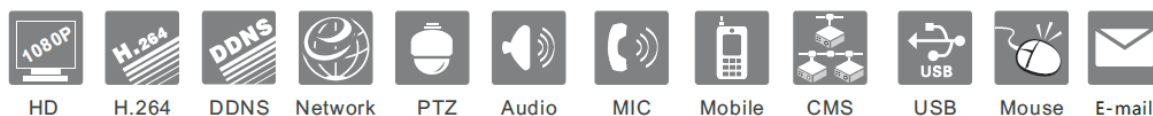


# LTD-270XH-FA series 4/8 Channel 1080P AHD Hybrid DVR



## Introduction

LTD-270XH-FA series are standard 4 / 8 CH 1080P high definition hybrid DVRs with the ability to connect analogue and IP cameras simultaneously. The DVR's adopt standard H.264 high profile compression format and the most advanced SOC technique to ensure real time recording on each channel and realise outstanding durability of the system. The LTD-270XH-FA supports 4 / 8 CH video inputs, 4 CH audio inputs, and 4 / 8 CH real time playback.

The DVR series can meet different security requirements of home, financial, commercial, enterprise, and transportation and government applications as required.

## Features

- 4 / 8 CH AHD video input, 4 / 8 CH 1080P / 720P recording
- 4 CH DVR supports 1 CH IPC 1080P / 960P / 720P / WD1 / D1 recording
- 8 CH DVR supports 4 CH IPC 3MP / 1080P / 960P / 720P / WD1 / D1 recording
- H.264 compression format to get high-quality video at a lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style
- Mouse Operation
- Multi-mode recording: manual / timer / motion / sensor
- Playback : 4 / 8 CH simultaneous playback
- Search: time / calendar, events ( sensor, motion )
- Express and flexible backup via USB, network
- Pentaplex Operation: Preview, Record, Playback, Backup and Remote Access
- DHCP, DDNS, PPPoE network protocol, IE browse and CMS supported
- Remote control via IE or CMS : preview, playback, backup, PTZ & configuration
- Dual stream technology to encode recording stream and network stream
- User adjustable network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- Authorisation management, log review and device status review
- HDMI 1080P output, true high resolution display
- Supports PTZ presets and auto cruise, (up to 128 presets and 8 cruises)
- Powerful smart phone surveillance APP supporting iPhone, Android
- Supports NAT function, supports QR code scanning by mobile phone
- Complete SDK software available, easy to integrate with other applications

# Specifications

|            |                             |   |                                      |
|------------|-----------------------------|---|--------------------------------------|
| System     | Compression                 | Standard H.264 High Profile   |                                      |
|            | CPU                         | Cortex A9   |                                      |
|            | OS                          | Embedded Linux  |                                      |
| Video      | Input                       | BNC x 4   | BNC x 8                              |
|            | IP Input / Access Bandwidth | IPC x 1 / 6Mbps   | IPC x 4 / 24Mbps                     |
|            | Output                      | HDMI x 1 : 1920 x 1080 / VGA x 1 : 1920 x 1080<br>BNC x 1 : used as the main output or spot output  |                                      |
| Audio      | Input                       | RCA x 4   |                                      |
|            | Output                      | RCA x 1   |                                      |
|            | 2-way audio                 | Take up channel one audio input   |                                      |
| Record     | Resolution                  | 1080P : 1920 x 1080, 720P : 1280 x 720  |                                      |
|            | Frame Rate                  | 1080P   | 50 fps (PAL)<br>60 fps (NTSC)        |
|            |                             | 720P  | 100 fps (PAL)<br>120 fps (NTSC)      |
|            | Bit rate                    | 1M ~ 4Mbps  |                                      |
|            | Encode                      | VBR / CBR   |                                      |
|            | Quality                     | 6 Level   |                                      |
|            | Mode                        | Manual, timer, motion, sensor   |                                      |
|            | File manager                | Lock, unlock, reserving time  |                                      |
| IP Input   | Resolution                  | 1080P / 960P / 720P / WD1 / D1  | 3MP / 1080P / 960P / 720P / WD1 / D1 |
|            | Frame Rate                  | 3MP   | --                                   |
|            |                             | 1080P   | 50 fps (PAL)<br>60 fps (NTSC)        |
|            |                             | 960P / 720P   | 12 fps (PAL)<br>15 fps (NTSC)        |
| Play back  | Playback                    | 4 CH  | 8 CH                                 |
|            | Search                      | Time / calendar search, event ( sensor, motion)   |                                      |
|            | Smart Search                | Highlighted date and time to display the channel record   |                                      |
|            | Function                    | Play, Pause, FF, FB, Digital zoom   |                                      |
| Alarm      | Mode                        | Sensor, motion, video loss  |                                      |
|            | Input                       | 4 CH  |                                      |
|            | Output                      | 1 CH  |                                      |
|            | Triggering                  | Record, PTZ move, alarm out, e-mail, etc  |                                      |
| Network    | Interface                   | RJ45 10M/100M adaptive ethernet network port x 1  |                                      |
|            | Protocal                    | TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS   |                                      |
|            | Others                      | 10 users online, dual stream  |                                      |
| Cell phone | OS                          | iPhone, Andriod   |                                      |
|            | Function                    | Multi-screen surveillance ( for certain model), record, snapshot, PTZ control, save the device list |                                      |
| I/O        | HDD                         | SATA x 1  |                                      |
|            | RS485                       | RS485 x 1, connect to PTZ or keyboard   |                                      |
|            | USB                         | USB 2.0 x 2, one for mouse, another for USB backup device   |                                      |
|            | IR controller               | Optional  |                                      |
| Others     | Power supply                | DC 12V  |                                      |
|            | Consumption                 | < 6W ( without HDD )  | < 8W ( without HDD )                 |
|            | Dimensions                  | 255 mm * 210 mm * 42 mm ( W * D * H )   |                                      |
|            | Work Environment            | - 10 °C ~ 50 °C , 10 % ~ 90 % Humidity  |                                      |

