



# hellosecurity

## MTD161F0015

### 16-Channel Hybrid DVR 5MP Resolution

#### General characteristics:

16 CH TVI / CVI / AHD video input

16 CH 5MP / 4MP / 1080P / 1280x1440 / 960x1080 / 720P input

8 IPC channels (up to total 16CH) at up to 5MP resolution

Adopts standard H.265 / H.264 high profile compression format

Intuitive and user friendly Windows style interface

Multi-mode recording: Manual, Schedule, Timer, Motion, Sensor, Analytic

Playback : 16 simultaneous channels

Intelligent Analytics: Line Crossing Detection, Intrusion Detection, Exception

Search: by time, time slice, event, tag

Pentaplex: review, record, playback, backup and remote access

IE browser and MVMS supported

HDMI and VGA 1080P output, true high resolution display

1 RCA Audio Inputs / 1 RCA Audio Output

RS485 connection, half duplex

Supports POS inputs in 4 channels



Model: MTD161F0015

| System                                        |                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------|
| OS                                            | Embedded LINUX                                                     |
| CPU                                           | Cortex A9                                                          |
| Video                                         |                                                                    |
| Video Inputs                                  | BNC x 16                                                           |
| Video Format                                  | TVI / CVI / AHD / CVBS                                             |
| Resolution                                    | TVI / CVI / AHD : 5MP / 4MP / 3MP / 1080P / 720P / WD1             |
| IP Input                                      | 8 Channels (up to total 16CH)                                      |
| IP Channel Resolution                         | Up to 5MP @30fps                                                   |
| Compression                                   | H.265, H.264                                                       |
| Video Outputs                                 | HDMI: 1920 x 1080 / 1280 x 1024 / 1024 x 768                       |
|                                               | VGA: 1920 x 1080 / 1280 x 1024 / 1024 x 768                        |
| BNC: CVBS ( used as the main or spot output ) |                                                                    |
| Audio                                         |                                                                    |
| Audio Input                                   | RCA x 1                                                            |
| Audio Output                                  | RCA x 1                                                            |
| 2 Way Audio                                   | Yes                                                                |
| Record                                        |                                                                    |
| Record Stream                                 | Dual Stream Recording                                              |
| Resolution                                    | 1280x1936 / 1080P / 1280x1440 / 960x1080 / 720P / WD1              |
| Frame Rate                                    | 1280x1936 : 10FPS (NTSC / PAL)                                     |
|                                               | 1080P / 1280x1440 : 15FPS (NTSC) / 12FPS (PAL)                     |
|                                               | 960x1080 / 720P / WD1 : 30FPS (NTSC) / 25FPS (PAL)                 |
| Bit Rate                                      | 32 Kbps ~ 5 Mbps                                                   |
| Record Mode                                   | Manual, Schedule, Timer, Motion, Sensor, Analytic                  |
| Access / Transfer Bandwidth                   | 32 / 80 Mbps                                                       |
| Playback & Search                             |                                                                    |
| Simultaneous Playback                         | Max 16 Channels                                                    |
| Search                                        | Time Slice / Time / Event / Tag                                    |
| Smart Search                                  | Different colors refers to different record events                 |
| Playback Function                             | Play, Pause, Stop, Fast Forward, Fast Backward, Digital Zoom, Etc. |
| Alarm                                         |                                                                    |
| Alarm Mode                                    | Manual, Motion, Exception                                          |
| Alarm Input                                   | No                                                                 |
| Alarm Output                                  | No                                                                 |
| Triggering                                    | Record, Snap, Preset, E-mail, Push, etc                            |
| Interfaces                                    |                                                                    |
| Network                                       | RJ45 10/100 Mbps x 1                                               |
| Protocol                                      | TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP                    |
| Storage                                       | SATA x 1, up to 10TB HDD                                           |
| USB                                           | USB 2.0 x 2                                                        |
| RS485                                         | Yes, half duplex                                                   |
| Software                                      |                                                                    |
| Remote Monitoring                             | Web browsing, MVMS, hellosecurity APP                              |
| Management Software                           | MVMS Lite, Standard, Professional                                  |
| Mobile APP                                    | iOS, Android                                                       |
| Browser                                       | Internet Explorer 11                                               |
| Intelligent Analytics                         | Line Crossing Detection, Intrusion Detection, Exception            |
| POS Support                                   | 4 CH                                                               |
| Backup                                        |                                                                    |
| Local                                         | U Disk, USB Mobile HDD                                             |
| Network                                       | Yes                                                                |
| Others                                        |                                                                    |
| Power Supply                                  | Input: 100-240V / Output: DC 12V 3A                                |
| Power Consumption                             | ≤ 10W (Without HDD)                                                |
| Dimensions (mm)                               | 254.5 x 233 x 42 (W x D x H)                                       |
| Working Environment                           | -10 ~ 50°C, 10% ~ 90% Humidity                                     |

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