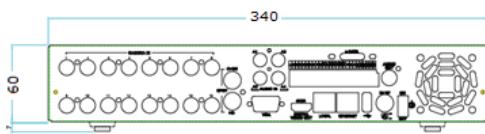


# SWDNH-004F12AS



## Dimensions



## Product Summary

- Realtime with 1280x1440(120/100 fps)
- D1(NTSC/PAL), 960H(NTSC/PAL), 720p25/30, 720p50/60, 1080p25/30, 1440p15/25/30
- ONVIF or Vendor generic
- 180fps@4K2K + 180fps@D1/VGA
- 4 Line-in /1 Line-out & Audio on HDMI
- USB Device (HDD, Thumb Drive), NAS & Remote via Network
- Raw data format, Support with the Embedded Player
- One RS485 ports, PTZ using UCC
- RMS / Web / MAC OSX / Android / iOS
- Various resolution Size/Quality/FPS,
- Dual Streaming

## Major Specifications

| Model Name                        |                           | SWDNH-004F12AS  |
|-----------------------------------|---------------------------|---|
| Live Display (NTSC/PAL)           | ~1080p                    | Realtime (120/100 fps)  |
|                                   | 1440p RT(1)               | Realtime with 1280x1440 (120/100 fps)   |
|                                   | 1440p NRT(2)              |   |
| Recording & Playback              | D1, 960H,720p             | 120/100fps  |
|                                   | 1080p                     | 120/100fps  |
|                                   | 1440p RT                  | 60/50fps  |
|                                   | 1440p NRT                 |   |
|                                   | Video Codec               |   |
| Camera Input                      | No of Camera              | 4   |
|                                   | Resolution                | D1(NTSC/PAL), 960H(NTSC/PAL), 720p25/30, 720p50/60, 1080p25/30, 1440p15/25/30                                 |
| IP Hybrid                         | No of IP Camera           | ~6  |
|                                   | Protocols                 | ONVIF or Vendor generic   |
|                                   | Live Dsisplay Performance | Realtime Display with the D1/VGA 2nd Stream of Camera   |
|                                   | Record Performance        | I-Frame Only Display without substreams of IP camera for multiple ch view mode<br>180fps@4K2K + 180fps@D1/VGA |
| Monitor Output                    | Main Monitor              | ~4K30 for HDMI and 1080p60 for VGA  |
|                                   | SPOT Monitor              | NTSC/PAL  |
|                                   | Multiple Ch View          | 1,4, (6,7,8,9, (10,13,16, 20, 25) ) for both live and playback  |
| Audio In/Out                      |                           | 4 Line-in /1 Line-out & Audio on HDMI   |
| Alarm In/Out                      |                           | 4/2   |
| Storage                           | SATA                      | 2   |
| Archive                           | Backup Device             | USB Device (HDD, Thumb Drive), NAS & Remote via Network   |
|                                   | Multiple channel          | Raw data format, Support with the Embedded Player   |
|                                   | AVI                       | Embedded AVI formatting   |
| USB Port                          |                           | 2 at Rear Panel   |
| Camera Control                    |                           | One RS485 ports, PTZ using UCC  |
| System Control                    |                           | USB Mouse, Front Keypad and IR Remote control are optionally possible.  |
| Network                           | Port                      | 10M/100M/1000M  |
|                                   | Protocols                 | DHCP, DDNS, P2P, uPNP, HTTP, NTP, SNMP, SMTP, Push Notification(iOS/Android), ONVIF                           |
|                                   | No of Client              | Max. 4  |
| Multi-Language                    |                           | Support   |
| Power                             |                           | Adaptor (12V/3.3A, 2.5Ø)  |
| Operating Temperature             |                           | 0~40 °C / 20~80% RH   |
| Remote SW's                       |                           | RMS / Web / MAC OSX / Android / iOS   |
| Dimension (WxDxH, mm)             |                           | 340x255x60  |
| Dedicated network streaming       | Live                      | Various resolution Size/Quality/FPS,  |
|                                   | Playback                  | Dual Streaming  |
| RAID(Mirroring)                   |                           | Configurable Dual Recording   |
| Search                            |                           | Calendar/Time/Event/Panorama/Motion Area  |
| P2P/DDNS/Push Notification/E-mail |                           | ns.dynamicmv.com/P2P server/Relay Server/Push Server/Embedded E-mail Service                                  |
| Event                             | Event Type                | Motion Detection, Alarm in, Video Loss, HDD S.M.A.R.T Status, HDD Error, Recording Status, POS                |
| Notification                      | Action                    | E-mail with snapshot, Buzzer, Pop-up, Symbol, Push Notification   |
| PoS I/F integration               |                           | Extendable up to 8 PoS Interface  |
| USER Privilege Set up             |                           | Live/Search & Copy/Network/PTZ/Camera   |
| Password Security                 |                           | Periodically Password Refresh for all users   |
| Recording Time Limit              |                           | 12Hour, 1/2/3/4/5/6Day, 1/2/3Week, 1/2Month   |
| Health Checking & Report          |                           | Periodical E-mail Report for HDD & Recording Status with various system info.                                 |
| Easy Network Setup                |                           | P2P Service based Network Setup Wizard  |

(1) RT stands for 'Realtime Mode' at Camera Side  
 (2) NRT stands for 'Non-Realtime Mode' at Camera Side