

Code: APTI-NX1602-S3

## AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR **APTI-NX1602-S3** 16 CHANNELS

The APTI-NX1602-S3 digital recorder with AHD (Analog High Definition), HD-CVI (High Definition Composite Video Interface), HD-TVI (High Definition Transport Video Interface), TCP/IP and CVBS interface is a professional device applicable in surveillance systems.

The menu options layout has been designed for all users, even beginners can easy navigate and change parameters in DVR settings without any problem.



|                                  |                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL, TCP/IP                                                                                                                                                                                                                                                |
| Video inputs:                    | 16 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS                                                                                                                                                                                                                                       |
| Video outputs:                   | 1 pcs HDMI<br>1 pcs VGA<br>1 pcs CVBS                                                                                                                                                                                                                                           |
| Audio inputs:                    | 4 pcs CINCH                                                                                                                                                                                                                                                                     |
| Audio outputs:                   | 1 pcs CINCH                                                                                                                                                                                                                                                                     |
| Image compression method:        | H.264                                                                                                                                                                                                                                                                           |
| Number of compression levels:    | 6                                                                                                                                                                                                                                                                               |
| Image records resolutions:       | <ul style="list-style-type: none"> <li>• AHD / HD-CVI / HD-TVI : 960 x 1080, 1280 x 720</li> <li>• AHD-L / PAL : 960 x 576</li> <li>• IP : max. 2592 x 1944</li> </ul>                                                                                                          |
| Maximal total frame rate:        | <ul style="list-style-type: none"> <li>• AHD / HD-CVI / HD-TVI :<br/>240 fps @ 960 x 1080 px,<br/>240 fps @ 1280 x 720 px,</li> <li>• AHD / PAL :<br/>400 fps @ 960 x 576 px,</li> <li>• IP :<br/>400 fps @ 2592 x 1944 px,</li> </ul>                                          |
| Recording speed adjustment:      | 1 ... 15 fps @ 960 x 1080 px<br>1 ... 15 fps @ 1280 x 720 px<br>1 ... 25 fps @ 960 x 576 px<br>for each channel                                                                                                                                                                 |
| Operation modes:                 | <ul style="list-style-type: none"> <li>• 16 x AHD / HD-CVI / HD-TVI @ 1080N</li> <li>• 14 x ... 2 x AHD / HD-CVI / HD-TVI @ 1080N + 2 x ... 14 x IP @ 5 Mpx</li> <li>• 16 x IP @ 5 Mpx</li> </ul> All modes allow for any combination of the AHD-H, HD-CVI, HD-TVI, PAL cameras |
| Recording modes:                 | Motion Detection, Schedule                                                                                                                                                                                                                                                      |
| Supported hard drives:           | 2 x 6 TB SATA                                                                                                                                                                                                                                                                   |
| External storage devices backup: | Records backup at (.avi) format to USB (pendrive)                                                                                                                                                                                                                               |



# DATA SHEET

|                                     |                                                                                                                                                                                                                                                                              |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Searching and playback the records: | Records searching: timeline or file list. Playback: forward, backward, fast, slow. Records playback from max. 4 channels in the same time                                                                                                                                    |
| Network functions:                  | Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters                                                                                                                                      |
| Mobile phones support:              | Port no.: 554 or access by a cloud (P2P)<br>• Android: Free application <a href="#">FREEIP PRO</a> , Android: Free application <a href="#">FREEIP</a><br>• iOS (iPhone): Free application <a href="#">FREEIP PRO</a> , iOS (iPhone): Free application <a href="#">FREEIP</a> |
| Default IP address:                 | 192.168.1.88                                                                                                                                                                                                                                                                 |
| Default admin user / password:      | admin / 12345                                                                                                                                                                                                                                                                |
| Web browser access ports:           | 80, 5000, 554                                                                                                                                                                                                                                                                |
| PC client access ports:             | 80, 5000, 554                                                                                                                                                                                                                                                                |
| Mobile client access ports:         | 80, 5000, 554                                                                                                                                                                                                                                                                |
| Port ONVIF:                         | 80                                                                                                                                                                                                                                                                           |
| Alarm inputs / outputs:             | —                                                                                                                                                                                                                                                                            |
| PTZ control:                        | RS-485 - PELCO-D/P                                                                                                                                                                                                                                                           |
| Motion Detection:                   | Split the screen into zones : 22 x 18 motion zones                                                                                                                                                                                                                           |
| Mouse support:                      | ✓                                                                                                                                                                                                                                                                            |
| IR remote controller in the set:    | ✓                                                                                                                                                                                                                                                                            |
| Power supply:                       | 12 V DC / 4 A (power adapter included)                                                                                                                                                                                                                                       |
| Color:                              | Black                                                                                                                                                                                                                                                                        |
| Weight:                             | 1.56 kg                                                                                                                                                                                                                                                                      |
| Dimensions:                         | 353 x 277 x 48 mm                                                                                                                                                                                                                                                            |
| Supported languages:                | English, Arabic, Bulgarian, Chinese, Czech, French Hebrew, Spanish, German, Persian, Polish, Portuguese, Russian Thai, Turkish, Hungarian, Italian                                                                                                                           |
| Country of origin:                  | China                                                                                                                                                                                                                                                                        |
| Manufacturer / Brand:               | APTI                                                                                                                                                                                                                                                                         |
| Guarantee:                          | 2 years                                                                                                                                                                                                                                                                      |