

Code: APTI-XB1612-I4

## AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR **APTI-XB1612-I4** 16 CHANNELS

The APTI-XB1612-I4 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.



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| Standard:                   | AHD, HD-CVI, HD-TVI, CVBS, TCP/IP                                                                                                                                                                                                                                                                                                                                                 |
| Video inputs:               | 16 pcs BNC                                                                                                                                                                                                                                                                                                                                                                        |
| Video outputs:              | <ul style="list-style-type: none"> <li>• 1 pcs HDMI 4K</li> <li>• 1 pcs VGA</li> <li>• 1 pcs CVBS output - BNC socket</li> </ul>                                                                                                                                                                                                                                                  |
| Audio inputs:               | <ul style="list-style-type: none"> <li>• 6 pcs CINCH,</li> <li>• 16 pcs Coaxial audio - Audio support via coaxial cable</li> </ul>                                                                                                                                                                                                                                                |
| Audio outputs:              | 1 pcs CINCH                                                                                                                                                                                                                                                                                                                                                                       |
| Image compression method:   | H.265+ / H.265 / H.264+ / H.264                                                                                                                                                                                                                                                                                                                                                   |
| Image records resolutions:  | <ul style="list-style-type: none"> <li>• AHD / HD-TVI :<br/>5 Mpx - 2560 x 1952 ,<br/>5M-N - 1280 x 1952 ,</li> <li>• AHD / HD-CVI / HD-TVI :<br/>8M-N - 1920 x 2160 ,<br/>4 Mpx - 2560 x 1440 ,<br/>4M-N - 1280 x 1440 ,<br/>1080p - 1920 x 1080 ,<br/>720p - 1280 x 720 ,</li> <li>• CVBS / PAL : 960H - 960 x 480</li> <li>• IP : max. 8.3 Mpx - 3840 x 2160 4K UHD</li> </ul> |
| Recording speed adjustment: | 8.3 Mpx IP @ 1 ... 25 fps<br>8M-N @ 1 ... 8<br>5 Mpx @ 1 ... 6<br>5M-N @ 1 ... 10 fps<br>4 Mpx @ 1 ... 8<br>4M-N @ 1 ... 15 fps<br>1080p @ 1 ... 15 fps<br>720p @ 1 ... 25 fps<br>960H @ 1 ... 25 fps<br>for each channel                                                                                                                                                         |



# DATA SHEET

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| Operation modes:                    | <ul style="list-style-type: none"><li>• 16 x AHD / HD-CVI / HD-TVI + 8 x IP</li><li>• 32 x IP</li></ul> All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras                                                                                                                                 |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                                                                                                                                                                           |
| Supported hard drives:              | 2 x 16 TB SATA                                                                                                                                                                                                                                                                                                       |
| External storage devices backup:    | Records backup at (.avi) format to USB (pendrive)                                                                                                                                                                                                                                                                    |
| 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 interface:                  | 1 x RJ-45 - 10/100 Base-TX                                                                                                                                                                                                                                                                                           |
| Network functions:                  | <ul style="list-style-type: none"><li>• Network Client Software (iVMS320): live view, playback and backup of the records</li><li>• IE browser: live view, playback and backup of the records and configuration of the recorder parameters</li></ul>                                                                  |
| Network protocols:                  | TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP, RTCP                                                                                                                                                                                                                                                 |
| ONVIF:                              | —                                                                                                                                                                                                                                                                                                                    |
| Default IP address:                 | 192.168.1.88                                                                                                                                                                                                                                                                                                         |
| Default admin user / password:      | admin / 12345                                                                                                                                                                                                                                                                                                        |
| Mobile phones support:              | Port no.: 6000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">BitVision</a>, Android: Free application <a href="#">iVMS320</a></li><li>• iOS (iPhone): Free application <a href="#">BitVision</a>, iOS: Free application <a href="#">iVMS320</a></li></ul> |
| Web browser access ports:           | 80, 5000, 554                                                                                                                                                                                                                                                                                                        |
| PC client access ports:             | 80, 5000, 554                                                                                                                                                                                                                                                                                                        |
| Mobile client access ports:         | 80, 5000, 6000                                                                                                                                                                                                                                                                                                       |
| USB:                                | 2 pcs USB 2.0                                                                                                                                                                                                                                                                                                        |
| Alarm inputs / outputs:             | 4 / 1                                                                                                                                                                                                                                                                                                                |
| PTZ control:                        | RS-485 - PELCO-D/P                                                                                                                                                                                                                                                                                                   |
| Motion Detection:                   | ✓                                                                                                                                                                                                                                                                                                                    |
| Intelligent image analysis:         | ✓                                                                                                                                                                                                                                                                                                                    |
| Main features:                      | <ul style="list-style-type: none"><li>• Intelligent image analysis : Human detection</li><li>• Video PUSH, e-mail personal messaging</li><li>• Privacy zones</li></ul>                                                                                                                                               |
| Mouse support:                      | ✓                                                                                                                                                                                                                                                                                                                    |
| IR remote controller in the set:    | —                                                                                                                                                                                                                                                                                                                    |
| Power supply:                       | 12 V DC / 4 A (power adapter included)                                                                                                                                                                                                                                                                               |
| Power consumption:                  | ≤ 15 W (without HDD)                                                                                                                                                                                                                                                                                                 |
| Color:                              | Black                                                                                                                                                                                                                                                                                                                |
| Weight:                             | 1.45 kg                                                                                                                                                                                                                                                                                                              |
| Dimensions:                         | 310 x 305 x 46 mm                                                                                                                                                                                                                                                                                                    |
| Supported languages:                | Polish, English, Bulgarian, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian                                                                                                                                                                                 |



# DATA SHEET

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| Manufacturer / Brand: | APTI    |
| Guarantee:            | 2 years |