

Code: HYBRO-H16B2-W2

## AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR **HYBRO-H16B2-W2** 16 CHANNELS

The HYBRO-H16B2-W2 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, PAL, TCP/IP                                                                                                                                                                                                                                                                                                                                                        |
| Video inputs:                 | 16 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS                                                                                                                                                                                                                                                                                                                                               |
| Video outputs:                | 1 pcs HDMI<br>1 pcs VGA                                                                                                                                                                                                                                                                                                                                                                 |
| Audio inputs:                 | 6 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 : 1920 x 1080, 960 x 1080, 1280 x 720</li> <li>• AHD-L / PAL : 928 x 576</li> <li>• PAL : 704 x 576</li> <li>• IP : 2592 x 1944, 2048 x 1536, 1920 x 1080, 1280 x 960</li> </ul>                                                                                                                                         |
| Maximal total frame rate:     | <ul style="list-style-type: none"> <li>• AHD / HD-CVI / HD-TVI :<br/>192 fps @ 1920 x 1080 px,<br/>400 fps @ 960 x 1080 px,<br/>400 fps @ 1280 x 720 px,</li> <li>• AHD / PAL :<br/>400 fps @ 928 x 576 px,<br/>400 fps @ 704 x 576 px,</li> <li>• IP :<br/>100 fps @ 2592 x 1944 px,<br/>200 fps @ 2048 x 1536 px,<br/>200 fps @ 1920 x 1080 px<br/>200 fps @ 1280 x 960 px</li> </ul> |
| Recording speed adjustment:   | 1 ... 12 fps @ 1920 x 1080 px - 16 x 1080p mode<br>1 ... 25 fps @ 1920 x 1080 px - 8 x 1080p mode<br>1 ... 25 fps @ 960 x 1080 px - 8 x 1080N mode<br>1 ... 25 fps @ 1280 x 720 px<br>1 ... 25 fps @ 928 x 576 px<br>1 ... 25 fps @ 704 x 576<br>for each channel                                                                                                                       |



# DATA SHEET

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operation modes:                    | <ul style="list-style-type: none"><li>• 16 x AHD / HD-CVI / HD-TVI @ 1080p</li><li>• 16 x AHD / HD-CVI / HD-TVI @ 1080N</li><li>• 8 x AHD / HD-CVI / HD-TVI @ 1080p - 25 fps</li><li>• 8 x AHD / HD-CVI / HD-TVI @ 1080p + 8 x IP @ 1080p</li><li>• 8 x IP @ 1080p + 8 x IP @ 1280 x 960</li><li>• 8 x IP max. 3 Mpx</li><li>• 4 x IP max. 5 Mpx</li></ul> All modes allow for any combination of the AHD-H, HD-CVI, HD-TVI, PAL cameras |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                                                                                                                                                                                                                                                                                               |
| Supported hard drives:              | 2 x 10 TB SATA                                                                                                                                                                                                                                                                                                                                                                                                                           |
| External storage devices backup:    | Records backup at (.avi) / (.h264) format to USB (pendrive)                                                                                                                                                                                                                                                                                                                                                                              |
| Searching and playback the records: | Records searching: timeline or file list. Playback: forward, fast, slow.<br>Records playback from max. 16 channels in the same time                                                                                                                                                                                                                                                                                                      |
| Network functions:                  | Network Client software or IE browser: playback, DVR settings, files download, records searching                                                                                                                                                                                                                                                                                                                                         |
| Mobile phones support:              | Port no.: 34567 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">XMEye</a></li><li>• iOS (iPhone): Free application <a href="#">XMEye</a></li></ul>                                                                                                                                                                                                                              |
| Alarm inputs / outputs:             | 4 / 1                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PTZ control:                        | RS-485 - PELCO-D/P and others                                                                                                                                                                                                                                                                                                                                                                                                            |
| Motion Detection:                   | Split the screen into zones : 16 x 12 motion zones                                                                                                                                                                                                                                                                                                                                                                                       |
| Mouse support:                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| IR remote controller in the set:    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:                       | 12 V DC / 4 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                   |
| Color:                              | Black                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight:                             | 1.91 kg                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions:                         | 350 x 307 x 51 mm                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Supported languages:                | English, Belorussian, Czech, French, Finnish, Greek, Spanish, Dutch, Indonesian (Bahasa), German, Polish, Portuguese, Russian, Romanian, Slovak, Swedish, Turkish, Hungarian, Vietnamese, Italian                                                                                                                                                                                                                                        |
| Country of origin:                  | China                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:               | HYBRO                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Guarantee:                          | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                  |