



	<a href="#">AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR APTI-XB1612-I3 16 CHANNELS</a>	<a href="#">IP CAMERA APTI-42MP-37 PINHOLE - 4 Mpx 3.7 mm</a>
		
	1570.26 SEK 1570.26 SEK	892.29 SEK 892.29 SEK
Sensor	...	1/3 " Progressive Scan CMOS
Matrix size	...	4 Mpx
Standard	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	TCP/IP
Video inputs	16 pcs BNC	...
Video outputs	<ul style="list-style-type: none"> <li>• 1 pcs HDMI</li> <li>• 1 pcs VGA</li> <li>• 1 pcs CVBS output - BNC socket</li> </ul>	...
Resolution	...	2688 x 1512 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
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	...
Lens	...	3.7 mm (pinhole)
View angle	...	<ul style="list-style-type: none"> <li>• 70 ° (manufacturer data)</li> <li>• 90 ° (our tests result)</li> </ul>
S/N ratio	...	60 dB
Min. illumination	...	0.01 Lux @ F1.6 (AGC off)
Image compression method	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Main stream frame rate	...	25 fps - 4 Mpx
Image records resolutions	<ul style="list-style-type: none"> <li>• AHD / HD-TVI : 5M-N - 1280 x 1952 ,</li> <li>• AHD / HD-CVI / HD-TVI : 4M-N - 1280 x 1440 , 1080N - 960 x 1080 , 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>	...
Audio	...	<ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Audio transmission via network</li> </ul>

RS-485 interface	...	—
Memory card slot	...	Micro SD memory cards up to 512GB support (possible local recording)
Recording speed adjustment	8.3 Mpx IP @ 1 ... 25 fps 5M-N @ 1 ... 6 fps 4M-N @ 1 ... 8 fps 1080N @ 1 ... 15 fps 720p @ 1 ... 15 fps 960H @ 1 ... 25 fps for each channel	...
WEB Server	...	Built-in Built-in
Max. number of on-line users	...	10 10
Port ONVIF	...	80
RTSP URL	...	rtsp://user:password@ip_address:80/0 - Main stream rtsp://user:password@ip_address:80/1 - Sub stream
Operation modes	16 x AHD / HD-CVI / HD-TVI / IP All modes allow for any combination of the AHD, HD-CVI, HD-TVI, CVBS cameras The recorder allows you to connect analog / IP cameras only in pairs	...
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 @ 1080p / 30 fps	...
Network interface	1 x RJ-45 - 10/100 Base-TX	10/100 Base-T (RJ-45)

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>	...
Housing	...	Mini - Metal
Network protocols	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP, RTCP	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP
ONVIF	—	2.4
Default IP address	192.168.1.88	192.168.1.168
Operation temp	...	-20 °C ... 60 °C
Default admin user / password	admin / 12345	admin / admin
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>	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">BitVision</a></li> <li>• iOS (iPhone): Free application <a href="#">BitVision</a></li> </ul>
Web browser access ports	80, 5000, 554	80
PC client access ports	80, 5000, 554	80
Mobile client access ports	80, 5000, 6000	80
USB	2 pcs USB 2.0	...
Alarm inputs / outputs	4 / 1	—
PTZ control	RS-485 - PELCO-D/P	...
Motion Detection	Split the screen into zones : 22 x 18 motion zones	...
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>	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Mirror - Mirror image</li> <li>• Sharpness - sharper image outlines</li> <li>• Intelligent image analysis : intrusion</li> </ul>
Mouse support	✓	...
IR remote controller in the set	—	...
Power supply	12 V DC / 4 A (power adapter included)	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 170 mA</li> </ul>
Power consumption	≤ 15 W (without HDD)	≤ 2.1 W
Color	Black	Black
Weight	1.45 kg	0.12 kg
Dimensions	310 x 305 x 46 mm	37.5 x 37.5 x 30 mm
Supported languages	Polish, English, Bulgarian, Czech, French, Greek, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian
Manufacturer / Brand	APTI	APTI
Guarantee	2 years	2 years