

Code: APTI-KIT40-20V2-36W

SURVEILLANCE KIT APTI-KIT40-20V2-36W 4 CHANNELS 1080NNet: **134.18 EUR** Gross: **134.18 EUR**

The surveillance kit includes 4 cameras, DVR with Seagate 1TB hard disk, DC 12V/5A power adapter and 4 connecting cables with 18 m length each.

The digital recorder with AHD (Analog High Definition), HD-CVI (High Definition Composite Video Interface), HD-TVI (High Definition Transport Video Interface), TCP/IP and PAL 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.

Megapixel camera with 1/2.7" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL. The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in 1080p resolution. During transmission there are no delays and is maintained the original, high quality image.

Attention! The DVR has installed the Seagate 1TB ST1000VM002 hard disk.

**SPECIFICATION**

Standard:	AHD, HD-CVI, HD-TVI, PAL, TCP/IP
Video inputs:	4 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS
Video outputs:	1 pcs HDMI 1 pcs VGA 1 pcs CVBS
Audio inputs:	4 pcs CINCH
Audio outputs:	2 pcs CINCH
Image compression method:	H.264
Number of compression levels:	6
Image records resolutions:	• AHD / HD-CVI / HD-TVI : 960 x 1080, 1280 x 720 • AHD-L / PAL : 960 x 576 • IP : max. 1920 x 1080
Maximal total frame rate:	• AHD / HD-CVI / HD-TVI : 100 fps @ 960 x 1080 px, 100 fps @ 1280 x 720 px, • AHD / PAL : 100 fps @ 960 x 576 px, • IP : 200 fps @ 1920 x 1080 px,
Recording speed adjustment:	1 ... 25 fps @ 960 x 1080 px 1 ... 25 fps @ 1280 x 720 px 1 ... 25 fps @ 960 x 576 px for each channel
Operation modes:	• 4 x AHD / HD-CVI / HD-TVI @ 1080N • 2 x AHD / HD-CVI / HD-TVI @ 1080N + 4 x IP @ 1080p • 8 x IP @ 1080p All modes allow for any combination of the AHD-H, HD-CVI, HD-TVI, PAL cameras
Recording modes:	Manual, Motion Detection, Schedule
Supported hard drives:	1 x 6 TB SATA, In the kit : 1 TB Seagate
External storage devices backup:	Records backup at (.avi) format to USB (pendrive)

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Searching and playback the records:	Records searching: timeline or file list. Playback: forward, backward, fast, slow. Records playback from max. 1 channel 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) • Android: Free application FREEIP PRO • iOS (iPhone): Free application FREEIP PRO
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:	—
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 / 2 A
Color:	White
Supported languages:	English, Arabic, Bulgarian, Chinese, Czech, French Hebrew, Spanish, German, Persian, Polish, Portuguese, Russian Thai, Turkish, Hungarian, Italian
Weight:	0.96 kg
Dimensions:	220 x 220 x 55 mm

Camera:

Standard:	AHD, HD-CVI, HD-TVI, PAL
Sensor:	1/2.7 " Progressive Scan CMOS
Digital Image Processor:	HTC1080E
Matrix size:	2.1 Mpx
Resolution:	• 1920 x 1080 - 1080p, AHD-H, HD-CVI, HD-TVI • 960 x 576 - PAL
Range of IR illumination:	20 m
IR illuminator power adjustment:	Automatic
Lens:	3.6 mm
View angle:	• 73 ° (manufacturer data) • 84 ° (our tests result)
S/N ratio:	> 50 dB
Video output:	1 Vpp 75 Ω, AHD, HD-CVI, HD-TVI, PAL - selectable by switch
Main features:	• WDR - Wide Dynamic Range • DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • AGC - Automatic Gain Control • Auto White Balance • Sharpness - sharper image outlines
OSD menu:	✓
Vandal-proof:	✓



Power supply:	12 V DC / 300 mA
Power consumption:	≤ 3.6 W
Housing:	Dome - Metal
"Index of Protection":	IP66
Color:	White
Operation temp:	-20 °C ... 50 °C
Weight:	0.280 kg
Dimensions:	Ø 93 x 69 mm

General information:

Connecting cable:	4 pcs, 18 m - each
Power adapter:	1 pcs : 12 V / 5 A
Country of origin:	China
Manufacturer / Brand:	APTI
Guarantee:	2 years

PRESENTATION

DVR:



Internal view of the housing:



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CAMERA:



Camera is out from clamping ring:





In the kit:



Package:



OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



HD-CVI:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



HD-TVI:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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