

Code: APTI-KIT-WIFI-20C2

SURVEILLANCE KIT **APTI-KIT-WIFI-20C2** Wi-Fi, 4 CHANNELS - 1080p

The surveillance kit includes 4 cameras, Wi-Fi DVR with Seagate 1TB hard disk, and 4 power adapters DC 12V/500mA for independent camera power supply. The kit has been pre-configured in a way that allows to start working immediately after removing from the box and connecting the power supply.

Network Video Recorder allowing to operate with Wi-Fi Apti cameras supported 802.11 b/g/n standards. The menu options layout has been designed for all users, even beginners can easy navigate and change parameters in DVR settings without any problem.

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. The used Wi-Fi module allows to remote communication with camera for max. distance up to 300 m. In fact, it is a range of several dozen meters and depends on obstacles between the antennas. Camera is according to IP66 Index of Protection norm.

Attention! The DVR has installed the Seagate 1TB ST1000VX005 hard disk.



Standard:	TCP/IP
Supported resolutions:	4 @ 1920 x 1080 px 4 @ 1280 x 960 px 4 @ 1280 x 720 px
Audio support:	4 Channels - Audio from cameras
Video outputs:	1 pcs HDMI 1 pcs VGA
Audio inputs:	—
Audio outputs:	—
Image compression method:	H.264
Maximal total frame rate:	60 fps @ 1080p 100 fps @ 1.3 Mpx 100 fps @ 720p
Supported hard drives:	1 x 6 TB SATA - included 1 TB Seagate
Recording modes:	Manual, Motion Detection, Schedule
Network protocols:	ONVIF, Private
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, fast Playback max. 1 camera in the same time
Network functions:	Network Client Software and IE browser: live view, playback and backup of the records, configuration of the recorder parameters Full support via network, Remote records copying, Web-Server built-in Wi-Fi : 2.4 GHz - APTI cameras support
Bitrate:	46 Mbps
ONVIF:	✓
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, 554
PC client access ports:	554, 5000
Mobile client access ports:	554
Port ONVIF:	80
Alarm inputs / outputs:	—
PTZ control:	IP Speed Dome Cameras
Motion Detection:	Split the screen into zones : 24 x 18 motion zones
Mouse support:	✓
IR remote controller in the set:	—
Power supply:	12 V DC / 2 A
Weight:	0.876 kg
Dimensions:	219 x 218 x 43 mm
Supported languages:	English, Bulgarian, Czech, French, Spanish, German, Polish, Portuguese, Russian, Turkish, Hungarian, Italian

Camera:

Standard:	TCP/IP
Sensor:	1/2.9 " Sony CMOS IMX323
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Resolution:	1920 x 1080 - 1080p
Operation modes:	Main and sub streams may be in any configuration Firmware 3518EV200_IMX323_W_WIFIKITS_7.1.46.6 • Main stream : 1920 x 1080 • Sub stream : 720 x 480
Lens:	3.6 mm



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View angle:	<ul style="list-style-type: none">• 72 ° (manufacturer data)• 70 ° (our tests result)
Range of IR illumination:	30 m
S/N ratio:	> 52 dB
RS-485 interface:	—
Memory card slot:	—
Image compression method:	H.264 / MJPEG
Alarm inputs / outputs:	—
Audio:	—
Bitrate:	32 ... 10240 kbps - H.264
Main stream frame rate:	15 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP, RTSP, SMTP, NTP, DHCP, DNS, DDNS, FTP
WEB Server:	Built-in
Max. number of on-line users:	10
ONVIF:	2.42
Main features:	<ul style="list-style-type: none">• Wi-Fi Module - IEEE 802.11 b/g/n, Range : 50 m (open area) ; Antenna - SMA socket• WDR - Wide Dynamic Range• DNR - Digital Noise Reduction• F-DNR (Defog) - Reduction of image noise caused by precipitation• BLC/HLC - Back Light / High Light Compensation• Possibility to change the resolution, quality and bit rate• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• Sharpness - sharper image outlines
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: Free application FREEIP• iOS (iPhone): Free application FREEIP
Default IP address:	192.168.1.168
Default admin user / password:	admin / admin
Web browser access ports:	80, 554
PC client access ports:	554, 5000
WEB Server:	Built-in
Mobile client access ports:	554
Max. number of on-line users:	10
Port ONVIF:	80
RTSP URL:	rtsp://user:password@ip_address:80/0 - Main stream rtsp://user:password@ip_address:80/1 - Sub stream
Power supply:	12 V DC / 320 mA



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Power consumption:	≤ 3.9 W
Housing:	Dome - Metal
Color:	White
Vandal-proof:	—
"Index of Protection":	IP66
Operation temp:	-10 °C ... 50 °C
Weight:	0.33 kg
Dimensions:	Ø 73 x 152 mm
Supported languages:	English, Bulgarian, Czech, French, Spanish, German, Polish, Portuguese, Russian, Turkish, Hungarian, Italian
General information:	
Connecting cable:	—
Power adapter:	4 pcs : 12 V / 500 mA , 1 pcs : 12 V / 2 A
Country of origin:	China
Manufacturer / Brand:	APTI
Guarantee:	2 years