

Code: APTI-KIT-WIFI-S-20C2

SURVEILLANCE KIT **APTI-KIT-WIFI-S-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. The H.265 / H.264 video compression standard using to record video data, allows to get the best possible quality of recorded image at minimal network transfer and disk storage capacity.

Cameras included in the kit are equipped with additional functions: 2 with built-in PIR detectors, 1 with gas and carbon monoxide detector and 1 with sound alarm signalling device. Additional camera functions are fully supported and managed by the recorder. The recorder allows to perform several different actions after the alarm is triggered by the detector located in the camera: start recording the image from the camera that triggered the alarm; sound alarm from a camera equipped with a loudspeaker; sound alarm from the loudspeaker built into the recorder; sending an e-mail.

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 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (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.

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



Standard:	TCP/IP
Supported resolutions:	max. 5 Mpx - 2592 x 1944 px
Audio support:	4 Channels - Audio from cameras
Video outputs:	1 pcs HDMI 1 pcs VGA
Audio inputs:	—
Audio outputs:	1 pcs Jack 3.5 mm socket
Image compression method:	H.265 / H.265+ / H.264 / H.264+
Supported hard drives:	1 x 8 TB SATA, included 1 TB Seagate
Recording modes:	Manual, Sensor, Motion detection, Schedule
Network protocols:	ONVIF, Private
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, fast Channels played simultaneously : 1 @ 5 Mpx / 2 @ 3 Mpx / 4 @ 1080p

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, Range : 300 m (open area)
Bitrate:	28 Mbps
ONVIF:	2.4
Mobile phones support:	Access by a cloud (P2P) • Android: Free application BitVision , Android: Free application iVMS320 • iOS (iPhone): Free application BitVision , iOS: Free application iVMS320
Default IP address:	172.136.123.88
Default admin user / password:	admin / 12345
Web browser access ports:	80, 443, 554
PC client access ports:	80, 443, 554
Port ONVIF:	80
Alarm inputs / outputs:	—
PTZ control:	—
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 (power adapter included)
Weight:	1.09 kg
Dimensions:	260 x 220 x 45 mm
Supported languages:	Polish, English, Bulgarian, Czech, French, Spanish, German, Portuguese, Russian, Turkish, Hungarian, Italian

Camera:

Standard:	TCP/IP
Sensor:	1/3 " 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 3516EV100_F23_W30T0A0M4C0_W_8.1.29.2 • Main stream : 1920 x 1080 • Sub stream : 720 x 480, 640 x 480 • Sub stream 2 : 352 x 288
Lens:	3.6 mm
View angle:	• 67 ° (manufacturer data) • 78 ° (our tests result)
Range of IR illumination:	25 m

S/N ratio:	≥ 52 dB
RS-485 interface:	—
Memory card slot:	—
Image compression method:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
Alarm inputs / outputs:	—
Audio:	—
Main stream frame rate:	20 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45) Wi-Fi - 2.4 GHz, IEEE 802.11 b/g/n
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP NTP SMTP
ONVIF:	2.4
Mobile phones support:	Access by a cloud (P2P) • Android: Free application iVMS320 , Android: Free application BitVision • iOS: Free application iVMS320
Default IP address:	192.168.1.168
Default admin user / password:	admin / admin
Web browser access ports:	80, 443, 554
PC client access ports:	80, 443, 554
Port ONVIF:	8999
WEB Server:	Built-in
Max. number of on-line users:	10
RTSP URL:	rtsp://user:password@ip_address:554/0 - Main stream rtsp://user:password@ip_address:554/1 - Sub stream
Main features:	• Wi-Fi module - IEEE 802.11 b/g/n, Range : 300 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 • Each of the cameras is equipped with an additional function : 2 pcs PIR detector 1 pcs Gas and carbon monoxide detector 1 pcs Alarm siren
Power supply:	12 V DC / 500 mA
Power consumption:	≤ 6 W
Housing:	Compact - Plastic
Color:	White
Vandal-proof:	—



DATA SHEET

"Index of Protection":	—
Operation temp:	-10 °C ... 50 °C
Weight:	0.19 kg
Dimensions:	68 x 88 x 157 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