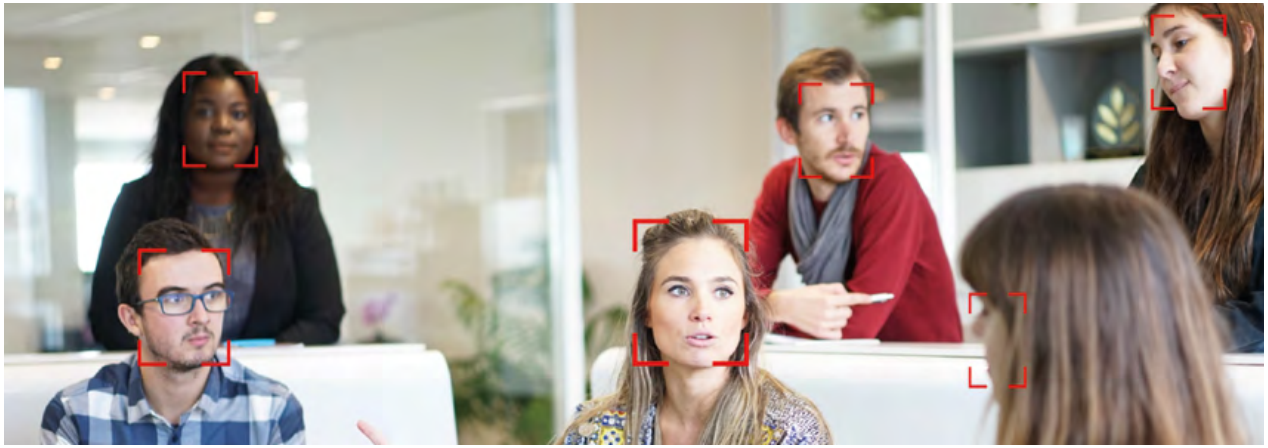
PRODUCT CATALOG

APTI

CONTENTS



Face Detection

Face detection refers to detecting and positioning key features of the face, the main face area can be cropped and analyzed according to the facial features, shapes and angles. After pre-processing, feedbacks sent to backend recognition algorithm, comparing with the existing pictures then figure out the user's identity.

Wandering Detection

Wandering Detection refers to match and track the targets appearing in the video surveillance area according to the location, and record the existence time and the quantity of presentation of the target. Alarm will be triggered when existence time or quantity of presentation of the targe more than the threshold setting value.

Crossover Detection

Crossover detection refers to detecting if someone or something crossing the line that demarcated on the image, it will trigger the alram.

Regional Intrusion Detection

Regional intrusion detection refers to detect if someone or something enter the specified monitoring area, it will trigger the alram when it.

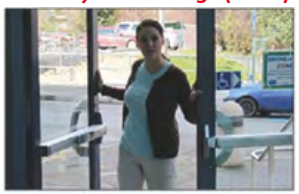
People Gathering Detection

People Gathering Detection refers to detect and analyze the specific area where people are gather, it will trigger the alram when crowd density reach or exceed the set point.

SELECTED FEATURES OF THE CAMERAS

Conventional

Wide Dynamic Range (WDR)



WDR – Wide Dynamic Range

It produces clear picture quality even under back light condition when there are both very bright and dark area simultaneously.

Normal IR Camera

IR Low Illumination

Smart IR

Longse Smart IR technology automatically adjusts IR lighting intensity and ensures that the camera captures usable video in dark conditions, even when the object of interest is located close to the IR LEDs.

HLC Off

HLC On

HLC (High Light Compensation)

It will mask the source of the bright light with a dark shape, thus allowing the area to the side of the light source to be viewed and recorded. HLM or HLC is the same features.

Demist Off

Demist On

Defog / Demist

The defog/demist function uses an advanced algorithm to enhance the images captured in hazy ambient conditions such as fog, mist, harsh, back-lighting, or low ambient lighting. This function gives a sharp, clear picture, even in less that ideal conditions.

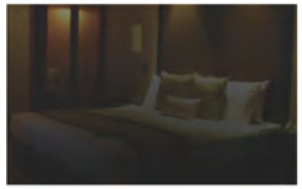
3DNR: Off

3NDR: On

Smart NR (3D Noise Reduction)

3DNR Technology (3D Noise Reduction) is a method of suppressing noise in an image, appearing in low light.

Sense Up: Off



Sense Up: On

Sense-Up (Slow Shutter)

See in color-in the dark! By automatically slowing the shutter speed, the camera is able to pick up the slightest traces of light to display a bright image.

Night

Day

True Day/Night (IR Cut Filter)

For more accurate, vivid color reproduction during daytime use, an IR Cut filter is automatically moved over the lens to block unwanted IR. At night, the filter is removed to deliver maximum visibility and clear IR illumination.

Motion Detection
Automatic Video / Save Worry

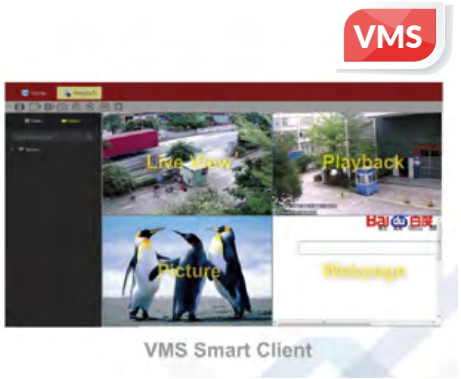
Motion Detection

By defining areas of interest – like a door, driveway or window – you can define when the NVR should start recording video. You can schedule recordings, or the NVR can record when there is motion. This not only conserves hard drive space, but also means you can record for more days before older recordings are overwritten.

VMS

Open. Smart. Complete.
VMS® Smart Client

A VMS Platform to Meet All You Security Needs Live Video, Record, Playback, Web page, Image...
All In One Interface.



VMS Smart Client

OCX

Unique OCX interface, Concise & Innovative, Best Humanized Design And Strong Operability Must Catch Your Eyes.

Bitvision

With this smarter way to get your security work started! Check out your places anytime!

Remote Management
Download Bitvision

DESCRIPTION OF MARKINGS USED FOR CAMERAS INCLUDED IN THE CATALOG

Max. available resolution of the camera or group of cameras

Support for efficient H.265+ image compression

Starvis processor or Starlight technology used

DNR Digital Noise Reduction in the image

3D DNR Digital Noise Reduction in the image

Clear image even with a Wide Dynamic Range of lighting

Improving the quality of selected parts of the image

Intelligent IR illuminator with power adaptation

Memory card support with local write option

Wi-Fi support

Audio support

Alarm outputs and/or inputs

Camera is equipped with Motozoom and Auto-Focus

PoE power supply support – power supply via UTP/FTP cable

The camera complies with IP67 or higher “Index of Protection” class

Supports HD analog standards: AHD, CVI, TVI and PAL

Intelligent Image Analysis – face recognition

Intelligent Image Analysis – face detection

Intelligent Image Analysis – people verification

Intelligent Image Analysis – regional intrusion detection and crossover detection

Intelligent Image Analysis – functions having the characteristics of artificial intelligence

The ICR filter used – improving the quality of colors during the day

Camera is equipped with OSD menu

The technology eliminates the tiring eyes flickering image effect

DESCRIPTION OF MARKINGS USED FOR RECORDERS INCLUDED IN THE CATALOG

Recording in 4K resolution or higher

Easy installation

Support for efficient H.265+ image compression

Wi-Fi support

USB version 3.0 support

Switch built-in – PoE power supply for cameras support

The VMS free software for recorder management

Hybrid recorder with AHD, CVI, TVI and IP standards support

The recorder supports 1 SATA disk

The recorder supports 2 SATA disks

The recorder supports 4 SATA disks

The recorder supports 8 SATA disks

SATA disks support

External eSATA disk support

Available application for Android / iOS

P2P network support – work in the cloud

Number of supported channels

Support for HD analog cameras: AHD, CVI, TVI and PAL

Support for IP cameras


SOS

IP MONITORING

IP monitoring – a solution equally popular, although slightly more complicated to configure than monitoring in the AHD / HD-CVI / HD-TVI standards. Nevertheless, it has a number of undeniable advantages. The first is the fact that network monitoring requires only UTP twisted pair wiring, which significantly reduces costs for larger installations.

The whole system works via LAN. There is no need for coaxial cables throughout the building. In addition, both cameras and recorders are available for connecting via a wireless network. This solution, although more expensive, allows you to create a monitoring system that requires only supplying power to individual devices. The second basic advantage of this technology is support for definitely higher resolutions than in the case of technologies based on analog signal transmission. Currently, the highest camera resolution offered by manufacturers is 12 Mpx. Unfortunately, IP monitoring also has disadvantages – such as, for example, slight delays in video signal transmission, limitations resulting from LAN bandwidth, or the need for network configuration of all devices in the system.

IP CAMERAS

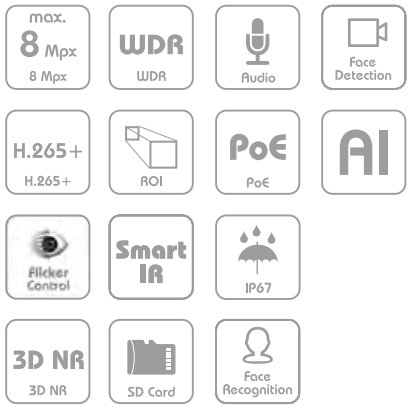
- They offer a wider range of resolutions than other standards
- The image is transmitted via a TCP/IP network
- They require network configuration
- Direct image preview and camera configuration via a computer
- Definitely better image quality than in analog HD standards

NETWORK VIDEO RECORDERS

- They record image from cameras in resolutions up to 4K UHD
- The image is transmitted via a TCP/IP network
- They require network configuration
- The displayed image from the cameras may be delayed

1.1. DOME CAMERAS WITH FIXED-FOCAL LENS

APTI-xxxV2-xxWP



Lens:
2.8 / 3.6 mm

IR range:
20 m

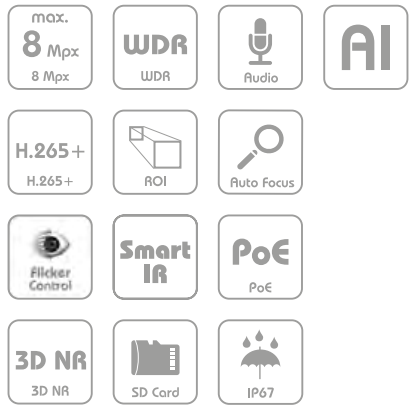
Housing:
metal / plastic

Available models and their selected features:

- **APTI-52V2-28WP** 5 Mpx
- **APTI-52VA2-28WP** 5 Mpx, audio
- **APTI-303PV2-28WP** 3 Mpx, Housing: plastic
- **APTI-AI503V2-28WP** 5 Mpx, defog, Intelligent Image Analysis
- **APTI-AI505V2-36W** 5 Mpx, audio, Alarm I/O, defog, Sony Starvis, Intelligent Image Analysis – advanced features, Lens: 3.6 mm, microSD
- **APTI-82V2-28WP** 8 Mpx – 4K, defog
- **APTI-82V3-28WP** 8 Mpx – 4K, defog
- **APTI-83V2-4WP** 8 Mpx – 4K, Sony Starvis, Lens: 3.6 mm, microSD

1.2. DOME CAMERAS WITH VARI-FOCAL LENS

APTI-xxxV3/V4-xxxxP-x



Lens:
2.8–12 / 2.7–13.5 mm

IR range:
30 m

Housing:
metal

Available models and their selected features:

- **APTI-303V3-2812WP** 3 Mpx, defog
- **APTI-52V3-2812WP** 5 Mpx
- **APTI-AI503VA3-2812P** 5 Mpx, audio, defog, Intelligent Image Analysis, Graphite color
- **APTI-AI503VA3-2812WP** 5 Mpx, audio, defog, Intelligent Image Analysis
- **APTI-AI503VA3-27135WP-Z** 5 Mpx, motozoom 2.7–13.5 mm, audio, defog, microSD, Intelligent Image Analysis
- **APTI-85V3-27135WP-Z** 8 Mpx – 4K, Sony Starvis, motozoom 2.7–13.5 mm, audio, defog, microSD, Intelligent Image Analysis

1.3. BULLET CAMERAS WITH FIXED-FOCAL LENS

APTI-xxxxC2/C3-28WP

Lens:
2.8 / 4 mm

IR range:
20 / 30 m

Housing:
metal

Available models and their selected features:

- **APTI-303C2-28WP** 3 Mpx
- **APTI-303C3-28WP** 3 Mpx, defog
- **APTI-52C2-28WP** 5 Mpx
- **APTI-52C3-28WP** 5 Mpx, microSD
- **APTI-AI503C2-28WP** 5 Mpx, defog, Intelligent Image Analysis
- **APTI-AI505C2-28W** 5 Mpx, Sony Starvis, Alarm I/O, audio, microSD, defog, Intelligent Image Analysis – advanced features
- **APTI-82C2-28WP** 8 Mpx – 4K, defog
- **APTI-83C2-4WP** 8 Mpx – 4K, Lens: 4 mm, microSD, defog

1.4. BULLET CAMERAS WITH VARI-FOCAL LENS

APTI-xxxC4/C6-xxxxWP-x

Lens:
2.8–12 / 2.7–13.5 / 3.6–11 mm

IR range:
40 / 60 m

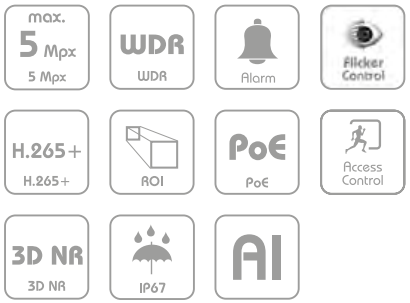
Housing:
metal

Available models and their selected features:

- **APTI-303C4-2812WP** 3 Mpx
- **APTI-52C4-2812WP** 5 Mpx
- **APTI-AI503C4-2812P** 5 Mpx, defog, Intelligent Image Analysis
- **APTI-AI503C4-27135WP-Z** 5 Mpx, motozoom 2.7–13.5 mm, defog, Intelligent Image Analysis
- **APTI-AI503C6-2812WP** 5 Mpx, IR range: 60 m, defog, Intelligent Image Analysis
- **APTI-AI505C4-27135W** 5 Mpx, motozoom 2.7–13.5 mm, defog, microSD, audio, Alarm I/O, Intelligent Image Analysis – advanced features
- **APTI-85C6-27135WP-Z** 8 Mpx – 4K, motozoom 2.7–13.5 mm, defog, microSD, audio, Alarm I/O,
- **APTI-122C6-3611WP-Z** 12 Mpx, Sony CMOS, motozoom 3.6–11 mm, IR range: 60 m, microSD, audio, alarm

1.5. CAMERAS WITH WHITE LIGHT ILLUMINATOR (LED)

APTI-xxxxCx/Vx-28Wx



Lens:	LED range:	Housing:
2.8 mm	25 / 30 m	metal, dome / bullet

Available models and their selected features:

- **APTI-511V2L-28WP** 5 Mpx, audio, Alarm I/O, defog, Housing: dome
- **APTI-511C2L-28WP** 5 Mpx, audio, Alarm I/O, defog, Housing: bullet
- **APTI-AI503V3-28W-L** 5 Mpx, defog, Housing: dome, Intelligent Image Analysis
- **APTI-AI503C3-28W-L** 5 Mpx, defog, Housing: bullet, Intelligent Image Analysis

1.6. WIRELESS CAMERAS

APTI-W/RFxxxx-xxx

Lens:
2.8 / 3.6 / 3.7 / 2.8–12 mm

IR range:
20 / 30 / 60 m

Housing:
metal / plastic / mini / box

Available models and their selected features:

- **APTI-RF25MA-28** 3 Mpx, audio, alarm, microSD, Housing: mini
- **APTI-RF25MAP-37** 3 Mpx, Sony Starvis, Lens: 3.7 mm pinhole, audio, alarm, microSD, Housing: mini
- **APTI-RF35Q1-36W** 3 Mpx, Lens: 3.6 mm, audio, alarm, microSD, Housing: plastic
- **APTI-W31S2** 3 Mpx, Speed Dome, Lens: 3.6 mm, audio, alarm, microSD, Housing: plastic
- **APTI-W51S2** 5 Mpx, Speed Dome, Lens: 3.6 mm, audio, alarm, microSD, Housing: plastic
- **APTI-RF55Q1-36W** 5 Mpx, Lens: 3.6 mm, audio, alarm, microSD, Housing: plastic
- **APTI-RF51C2-36W** 5 Mpx, microSD, audio, alarm, RS485, Housing: metal box
- **APTI-RF51V3-36W** 5 Mpx, microSD, audio, alarm, RS485, Housing: metal box

APTI-RF08/N09xxx-xx

4K 4K · Plug&Play · H.265+ H.265+ · WiFi · PoE PoE · VMS · 1 SATA · Smart Phone

Resolution:
max. 8 Mpx

Available models and their selected features:

- **APTI-N0921-4P-M5** Switch PoE 4CH, Bitrate: 80 Mbps, Alarm I/O: 4/1
- **APTI-N0921-4KS3** Bitrate: 80 Mbps
- **APTI-N0901-I2** Bitrate: 80 Mbps, Intelligent Image Analysis
- **APTI-N0901-4P-I2** Switch PoE 4CH, Bitrate: 80 Mbps, Intelligent Image Analysis, Alarm I/O: 4/1
- **APTI-RF08/N0901-S3** max. 5 Mpx, Bitrate: 60 Mbps, Wi-Fi
- **APTI-RF08/N0901-M8** Switch PoE 8CH, Bitrate: 80 Mbps, Wi-Fi

APTI-N1601x-xxxx

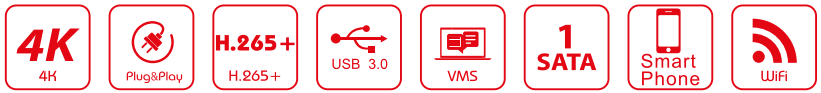
4K 4K · Plug&Play · H.265+ H.265+ · PoE PoE · VMS · 1 SATA · Smart Phone

Resolution:
max. 8 Mpx

Available models and their selected features:

- **APTI-N1601-I2** Bitrate: 80 Mbps, Intelligent Image Analysis, Alarm I/O: 4/1
- **APTI-N1601-8P-I2** Switch PoE 8CH, Bitrate: 80 Mbps, Intelligent Image Analysis, Alarm I/O: 4/1
- **APTI-N1601-4KS3** Bitrate: 100 Mbps, Alarm I/O: 4/4

APTI-RF04/N0401-M8



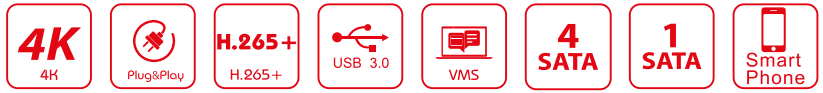
Resolution:

max. 8 Mpx – 4K

Available models and their selected features:

- **APTI-RF04/N0401-M8** Bitrate 120 Mbps, Wi-Fi, Gigabit Ethernet

APTI-N25xx-xxxx



Resolution:

max. 8 Mpx – 4K

Available models and their selected features:

- **APTI-N2501-16P-I2** Switch PoE 16CH, Bitrate 100 Mbps, 1x SATA
- **APTI-N2504-16P-I2** Switch PoE 16CH, Bitrate 100 Mbps, 4 SATA + E-SATA, Alarm I/O: 16/4
- **APTI-N2522-4KS5** Bitrate 100 Mbps, 2x SATA, Alarm I/O: 8/4

APTI-N3622-4KS3

4K 4K | Plug&Play | H.265+ H.265+ | USB 3.0 | VMS | 2 SATA | Smart Phone

Resolution:

max. 12 Mpx – 4K

Available models and their selected features:

- **APTI-N3602-AI-4KS3** Bitrate 300 Mbps, Alarm I/O: 4/4, SATA: max. 2x 12TB
- **APTI-N3622-4KS3** Bitrate 300 Mbps, SATA: max. 2x 6TB

APTI-N6418-4KS3

4K 4K | Plug&Play | H.265+ H.265+ | USB 3.0 | VMS | 8 SATA | 1 E-SATA | Smart Phone

Resolution:

max. 8 Mpx – 4K

Available models and their selected features:

- **APTI-N6418-4KS3** Max. bandwidth 350 Mbps, SPOT, Housing: Rack 19”

PoE TECHNOLOGY

The PoE (Power over Ethernet) standard enables powering network equipment with a twisted-pair cable with a possibility of sending data in the same time via it. Among the devices powered in PoE technology we can distinguish IP cameras, VoIP communication devices and also access points. APTI switches with PoE power supply functions are ideal for use in IP CCTV installations.

The most important advantages of PoE power supply include reduced wiring costs, as one wire is responsible for data transmission and supplying power to the receiver. Due to the low voltage, installation safety is ensured, and the typically achieved range is 100m (even when using the EXTEND mode up to 200m). All PoE source devices are also compatible with older versions, making them easy to install and use.

PoE SWITCHES

- Reliability and high quality of transmission
- The EXTEND mode – increasing the PoE power range to 200 meters, with a transmission speed limit of 10 Mb/s
- Compact housing
- Clear indication of the operating status of each port
- Support for up to 18 PoE ports
- Uplink 100 or 1000 Mb/s or SFP ports
- Low failure rate confirmed in tests

APTI-POE0402-60W

4 x PoE + 2 x Uplink

Selected features:

- **LAN ports:** 6
- **LAN&PoE ports:** 4 x 802.3af
- **Maximum total power:** 60 W
- **Baud rate:** 10 / 100 Mbps

APTI-POE0802G-120W

8 x PoE + 2 x Uplink

Giga

Selected features:

- **LAN ports:** 10
- **LAN&PoE ports:** 8 x 802.3af/at
- **Maximum total power:** 120 W
- **Baud rate:** 10 / 100 / 1000 Mbps

APTI-POE0801-120W

8 x PoE + 1 x Uplink

Selected features:

- **LAN ports:** 9
- **LAN&PoE ports:** 8 x 802.3af/at
- **Maximum total power:** 120 W
- **Baud rate:** 10 / 100 Mbps

APTI-POE1602G-240W

16 x PoE + 2 x Uplink

Selected features:

- **LAN ports:** 18
- **LAN&PoE ports:** 16 x 802.3af/at
- **Maximum total power:** 240 W
- **Baud rate:** 10 / 100 / 1000 Mbps

APTI-POE2404SFP-370W

24 x PoE + 4 x Uplink: RJ45 / SFP

Selected features:

- **LAN&PoE ports:** 24 x RJ45 + PoE 802.3 af/at
- **Maximum total power:** 370 W
- **Baud rate:** LAN: 10 / 100 Mbps, Uplink: 1000 Mbps
- **Housing:** Rack19”, 1U

HYBRID CAMERAS AND RECORDERS

Hybrid cameras work in currently popular standards: AHD, HD-CVI, HD-TVI, CVBS. Except for the oldest analogue system (CVBS), they allow you to get high-resolution video up to 4K UHD.

The use of hybrid recorders allows simple and trouble-free modernization of existing old CCTV installations based on coaxial cables without having to replace them. In addition, the design and implementation of a new installation based on this technology is significantly simplified by the possibility of transmitting composite video signal and PTZ using one coaxial cable. The need for additional cables for the transmission of the control signal disappears.

HYBRID CAMERAS

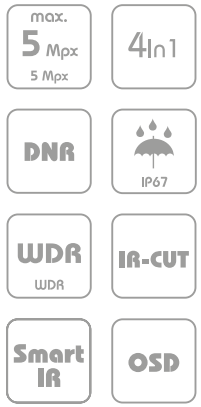
- They work in all leading standards: AHD, HD-CVI, HD-TVI, CVBS
- They can work with older recorders in the CVBS standard
- They do not require complicated configuration
- They provide high image quality
- Image transmission is carried out without delay

HYBRID RECORDERS

- They work in all leading standards: AHD, HD-CVI, HD-TVI, CVBS
- They can work with older cameras in the CVBS standard
- They enable connecting IP cameras
- They do not require complicated configuration
- The image from cameras in AHD / HD-CVI / HD-TVI / CVBS standards is displayed in real time, without delays

4.1. DOME CAMERAS WITH FIXED-FOCAL LENS

APTI-H5xV2/PV2-xx



Lens:
2.8 / 3.6 mm

IR range:
20 m

Housing:
metal / plastic

Available models and their selected features:

- **APTI-H50V2-28W**
- **APTI-H50V2-28** Graphite color
- **APTI-H50V2-36W** Lens: 3.6 mm
- **APTI-H50V2-36** Lens: 3.6 mm, Graphite color
- **APTI-H52V2-36W** Lens: 3.6 mm
- **APTI-H50PV2-28W** Housing: plastic

4.2. DOME CAMERAS WITH VARI-FOCAL LENS

APTI-HxxV3-xxxx

Lens:
2.8–12 / 2.7–13.5 mm

IR range:
30 m

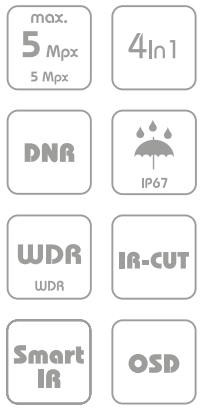
Housing:
metal

Available models and their selected features:

- **APTI-H24V3-2714W-Z** 2 Mpx, motozoom 2.7–13.5 mm, defog
- **APTI-H83V3-2812** 8 Mpx – 4K, Sony Starvis, Graphite color
- **APTI-H83V3-2812W** 8 Mpx – 4K, Sony Starvis
- **APTI-H50V3-2812** 5 Mpx, Graphite color
- **APTI-H50V3-2812W** 5 Mpx
- **APTI-H52V3-2812W** 5 Mpx

4.3. BULLET CAMERAS WITH FIXED-FOCAL LENS

APTI-H5xC2-xxW



Lens:
2.8 / 3.6 mm

IR range:
20 / 25 m

Housing:
metal / plastic

Available models and their selected features:

- **APTI-H50C2-28W** IR range: 25 m
- **APTI-H50C2-36W** Lens: 3.6 mm, IR range: 25 m
- **APTI-H52C2-36W** Lens: 3.6 mm, IR range: 25 m
- **APTI-H50PC2-28W** Housing: plastic

4.4. BULLET CAMERAS WITH VARI-FOCAL LENS

APTI-HxxC4/C6-2xxx

Lens:
2.8–12 / 2.7–13.5 mm

IR range:
40 / 60 m

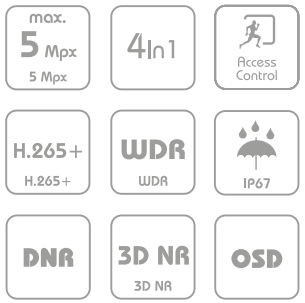
Housing:
metal

Available models and their selected features:

- **APTI-H24C6-2812W-Z** 2 Mpx, Sony Starvis, IR range: 60 m, motozoom: 2.7–13.5 mm
- **APTI-H50C4-2812W** 5 Mpx
- **APTI-H52C4-2812W** 5 Mpx
- **APTI-H83C4-2812W** 8 Mpx, Sony Starvis
- **APTI-H50C6-2812W** 5 Mpx, IR range: 60 m
- **APTI-H50C6-2812G** 5 Mpx, Graphite color
- **APTI-H83C6-2812** 8 Mpx, Sony Starvis, IR range: 60 m, Graphite color
- **APTI-H83C6-2812W** 8 Mpx, Sony Starvis, IR range: 60 m

4.5. CAMERAS WITH WHITE LIGHT ILLUMINATOR (LED)

APTI-H50V2-28W-L



Lens:
2.8 mm

Housing:
aluminum + plastic

Selected features:

- LED illuminator range: 25 m
- Possibility to turn off the {*LED*} illuminator
- Motion Detection
- Configurable Privacy Zones
- Mirror function – mirroring the image
- Index of Protection: IP67
- Power consumption: ≤ 3.2 W

4.6. SPECIAL PURPOSE CAMERAS

APTI-Hxxxx

max. 5 Mpx 5 Mpx | WDR WDR | Starlight | 4In1 | DNR | IR-CUT | 3D NR 3D NR | OSD

Lens:
3.6 / 3.7 mm

Housing:
metal / plastic / mini / box / spy

Available models and their selected features:

- **APTI-H14F-36** 1.3 Mpx, Lens: 4 mm, Housing: metal – mini
- **APTI-H14FP-37** 1.3 Mpx, Lens: 3.7 mm pinhole, Housing: metal – mini
- **APTI-H14MP-37** 1.3 Mpx, Lens: 3.7 mm, Housing: metal – mini
- **APTI-H24M-36** 2 Mpx, Lens: 4 mm, Sony Starvis, Housing: metal – mini
- **APTI-H25B** 2 Mpx, Sony Starvis, Housing: metal – box
- **APTI-H54B** 5 Mpx, Sony Starvis, Housing: metal – box
- **APTI-H50YF-36** 5 Mpx, Housing: plastic – spy
- **APTI-H50YK-37** 5 Mpx, Lens: 3.7 mm, Housing: plastic – spy

APTI-XB040xx-xx

4K 4K · Plug&Play · H.265+ H.265+ · VMS · IN HYBRID · HDD SATA · Smart Phone · P2P

Available models and their selected features:

- **APTI-XB0401-S31** — 1 x SATA, ANALOG: max. 5M-N: AHD, CVI, TVI; IP: max. 9 x 5 Mpx
- **APTI-XB0401H-S32** — 1 x SATA, ANALOG: max. 8 M-N: AHD, CVI, TVI; IP: max. 16 x 5 Mpx
- **APTI-XB0402HS-4KS4** — 2 x SATA, ANALOG: max. 8 Mpx – 4K: AHD, CVI, TVI; IP: max. 32 x 8 Mpx – 4K

APTI-XB080xx-xx

4K 4K · Plug&Play · H.265+ H.265+ · VMS · IN HYBRID · HDD SATA · Smart Phone · P2P

Available models and their selected features:

- **APTI-XB0801-S31** — 1 x SATA, ANALOG: max. 5M-N: AHD, CVI, TVI; IP: max. 16 x 5 Mpx
- **APTI-XB0801HS-S4** — 1 x SATA, ANALOG: max. 8 Mpx – 4K: AHD, CVI, TVI; IP: max. 17 x 8 Mpx – 4K
- **APTI-XB0802HS-4KS2** — 2 x SATA, ANALOG: max. 8 Mpx – 4K: AHD, CVI, TVI; IP: max. 17 x 8 Mpx – 4K

APTI-XB160xxx-xx

4K 4K | Plug&Play | H.265+ H.265+ | USB 3.0 | VMS | IN HYBRID | HDD SATA | Smart Phone | @ P2P

Available models and their selected features:

- **APTI-XB1601-S31** 1 x SATA, ANALOG: max. 1080N: AHD, CVI, TVI; IP: max. 8 x 8 Mpx – 4K
- **APTI-XB1601H-S32** 1 x SATA, ANALOG: max. 8M-N: AHD, CVI, TVI; IP: max. 32 x 8 Mpx – 4K
- **APTI-XB1604H-S31** 4 x SATA, ANALOG: max. 8M-N: AHD, CVI, TVI; IP: max. 32 x 8 Mpx – 4K
- **APTI-XB1602HS-S4** 2 x SATA, ANALOG: max. 8 Mpx – 4K: AHD, CVI, TVI; IP: max. 32 x 8 Mpx – 4K

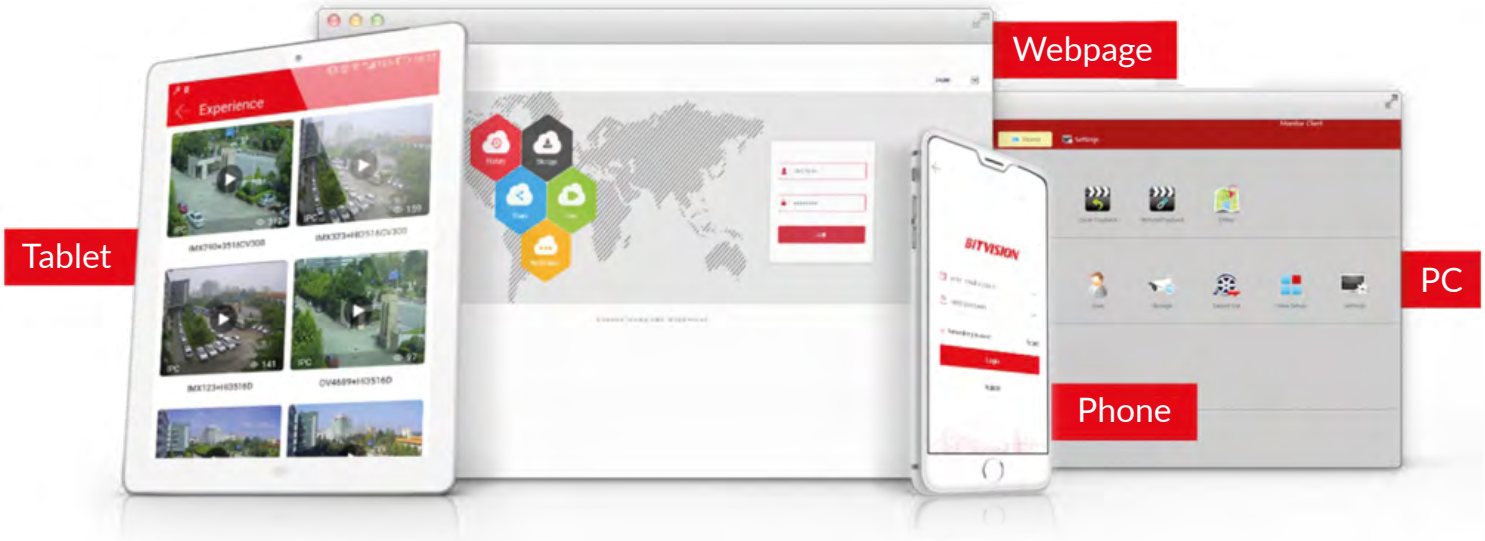
APTI-XB3208-S4

4K 4K | Plug&Play | H.265+ H.265+ | VMS | IN HYBRID | HDD SATA | 1 E-SATA | Smart Phone

Available models and their selected features:

- **APTI-XB3208-S4** 8 x SATA, 1 eSATA, ANALOG: max. 1080N: AHD, CVI, TVI; IP: max. 17 x 8 Mpx – 4K

Remote viewing via the cloud (P2P technology)



Application for preview on a smartphone

Remote View by IE

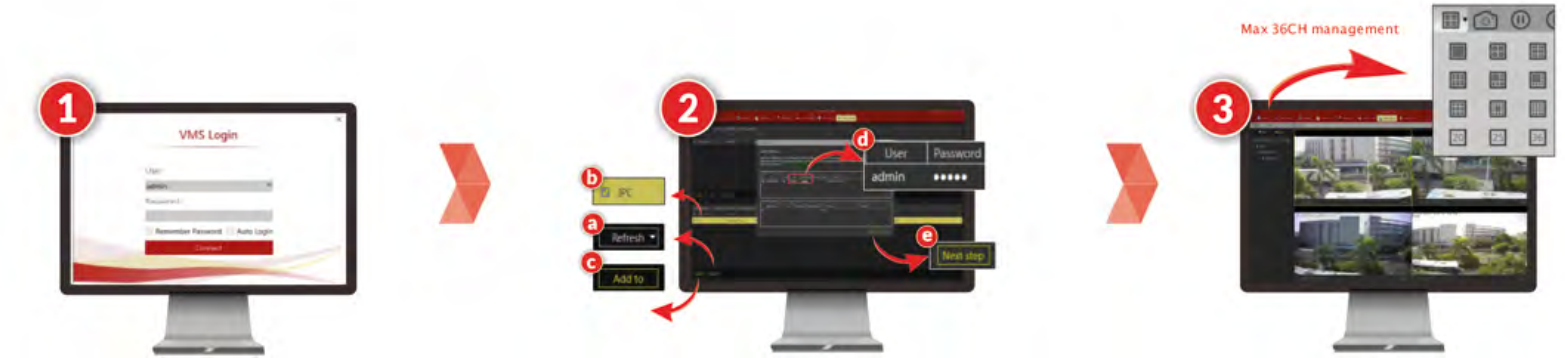
Download OCX controls and install

Log in your Recorder (Default user: admin Passwords: 12345)

Edit IPC

Live Demo

Remote View by iVMS320



Install iVMS320 software, log in the Recorder

Add the IP cameras

Live Demos

XVR/NVR Monitoring

	Live View	Play back	Set-up	Multi-Stream
Local	✓	✓	✓	✓
IE Browser	✓	✓	✓	✓
VMS	✓	✓	✓	✓
SmartPhone	✓	✓	✓	✓

Suggested HDD for Recorder

(The recording time is only for reference, should according to the actual situation)

Channel HDD	Record Resolution	Rate	Rate	4CH		8CH		16CH	
		H.264	H.265	H.264	H.265	H.264	H.265	H.264	H.265
1TB	4K	8192 Kbps	4096 Kbps	3.0 Days	5.9 Days	1.5 Days	3.0 Days	0.7 Days	1.5 Days
	4MP	6020 Kbps	3010 Kbps	4.0 Days	8.1 Days	2.0 Days	4.0 Days	1.0 Days	2.0 Days
	1080P	4096 Kbps	2048 Kbps	5.9 Days	11.9 Days	3.0 Days	5.9 Days	1.5 Days	3.0 Days
	720P	2048 Kbps	1024 Kbps	11.9 Days	/	5.9 Days	/	3.0 Days	/
2TB	4K	8192 Kbps	4096 Kbps	5.9 Days	11.9 Days	3.0 Days	5.9 Days	1.5 Days	3.0 Days
	4MP	6020 Kbps	3010 Kbps	8.1 Days	16.1 Days	4.0 Days	8.1 Days	2.0 Days	4.0 Days
	1080P	4096 Kbps	2048 Kbps	11.9 Days	23.7 Days	5.9 Days	11.9 Days	3.0 Days	5.9 Days
	720P	2048 Kbps	1024 Kbps	23.7 Days	/	11.9 Days	/	5.9 Days	/
3TB	4K	8192 Kbps	4096 Kbps	8.9 Days	17.8 Days	4.4 Days	8.9 Days	2.2 Days	4.4 Days
	4MP	6020 Kbps	3010 Kbps	12.1 Days	24.2 Days	6.0 Days	12.1 Days	3.0 Days	6.0 Days
	1080P	4096 Kbps	2048 Kbps	17.8 Days	35.6 Days	8.9 Days	17.8 Days	4.4 Days	8.9 Days
	720P	2048 Kbps	1024 Kbps	35.6 Days	/	17.8 Days	/	8.9 Days	/
4TB	4K	8192 Kbps	4096 Kbps	11.9 Days	23.7 Days	5.9 Days	11.9 Days	3.0 Days	5.9 Days
	4MP	6020 Kbps	3010 Kbps	16.1 Days	32.3 Days	8.1 Days	16.1 Days	4.0 Days	8.1 Days
	1080P	4096 Kbps	2048 Kbps	23.7 Days	47.4 Days	11.9 Days	23.7 Days	5.9 Days	11.9 Days
	720P	2048 Kbps	1024 Kbps	47.4 Days	/	23.7 Days	/	11.9 Days	/
6TB	4K	8192 Kbps	4096 Kbps	17.8 Days	35.6 Days	8.9 Days	17.8 Days	4.4 Days	8.9 Days
	4MP	6020 Kbps	3010 Kbps	24.2 Days	48.4 Days	12.1 Days	24.2 Days	6.0 Days	12.1 Days
	1080P	4096 Kbps	2048 Kbps	35.6 Days	71.1 Days	17.8 Days	35.6 Days	8.9 Days	17.8 Days
	720P	2048 Kbps	1024 Kbps	71.1 Days	/	35.6 Days	/	17.8 Days	/

Distributor