CCTV GUIDE

COMELIT PAC

VALID FROM 1ST MAY 2025 TO 31 AUGUST 2025

FEEL SECURE

A group of more than **1000 people** driven by the same spirit

Over the years, the experience gained in this specific sector when it comes to meeting installation requirements, such as simplicity, reliability and multiple functions, has allowed us to grow and make a name for ourselves as an international benchmark company.

Our values and our business vision are the foundation upon which we have developed a well-run, well-structured global organisation, with *10 branch offices*, *8 Research and Development centres*, more than *1000 employees* and a commercial presence in over *90 countries*.
In addition to video door entry systems, we design and build anti-intrusion, video surveillance, home automation, fire protection and access control systems, which makes us a single partner specialising in protecting people and their environment.

ITALIA

FRANCE

SPAIN

GERMANY

SINGAPORE

HONG KONG

INDONESIA

VIETNAM

UNITED KINGDOM

IRELAND

NETHERLANDS

BELGIUM

USA

UNITED ARAB EMIRATES

ALL THE REASONS THAT MAKE COMELIT THE CLOSEST BRAND TO YOU.

WITH YOU ALWAYS

Next day product delivery

All-encompassing smart product solutions.

Bespoke Technical & CPD accredited training courses.

Full Sales and Technical support.

Constant R&D investment.

Always being close to our customers means, for us at Comelit, **listening to their requirements**, identifying the solutions which best adapt to their specific needs, offering the assurance of **constant assistance** in every situation, always guaranteeing the **quality of our products and systems**, and offering a uniquely broad **range of services**.
Because the success and the **professional satisfaction** of every installer who chooses our brand is our goal and the reason behind our everyday commitment.

No-one else offers you so much.

When you choose Comelit, you buy a product and find a solution.

Easy to install and program, state-of-the-art, **reliable**, extremely **versatile** and highly **integrated** products.
Anyone who chooses Comelit solutions knows they can count on having a **single representative**, who can help them identify the products and systems most suited to their needs and assist them as necessary at all stages of their activity

MYCOMELIT APP

THE APP YOU WON'T BE ABLE TO DO WITHOUT!

Simple, straightforward and customised.

Thanks to all the services provided, MyComelit makes work easier for all industry professionals: installers, draughtsmen, system integrators, security managers, building managers, wholesalers and architects.
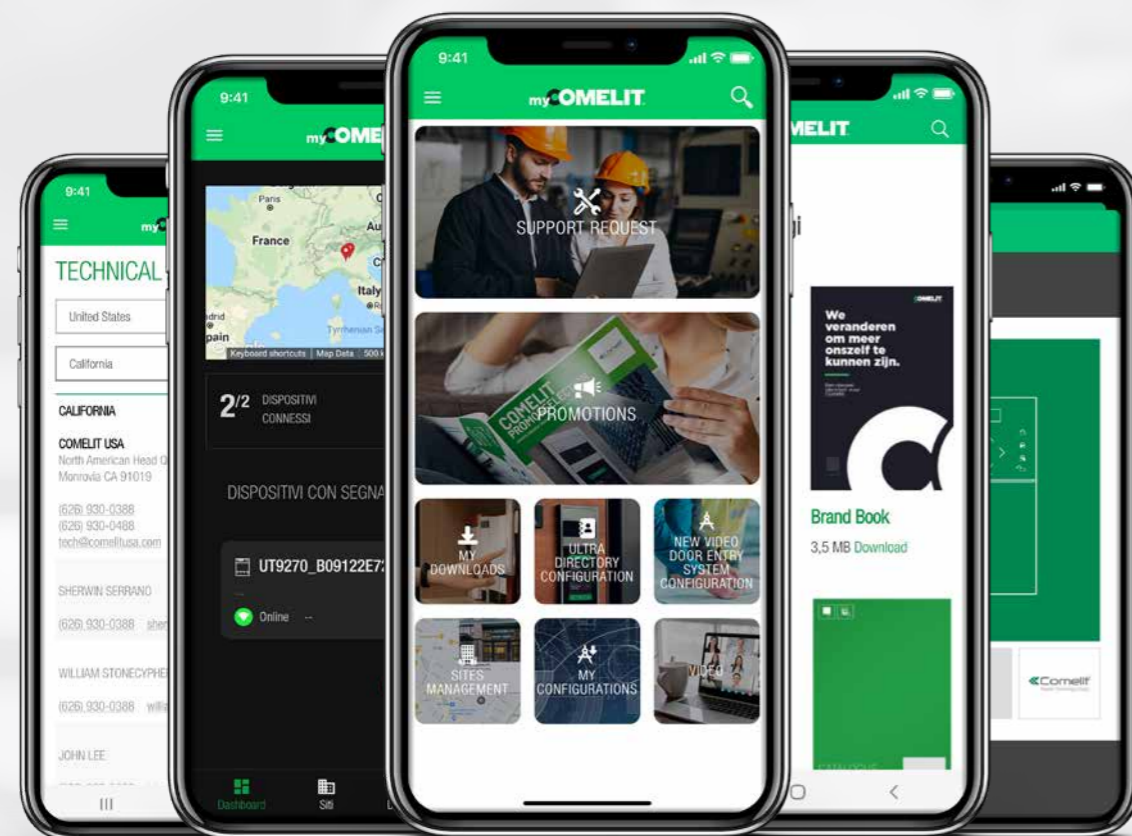
my**COMELIT**®

YOU WILL NOT BE ABLE TO DO WITHOUT IT!

WHAT ARE YOU WAITING FOR?

ENTER THE WORLD OF MYCOMELIT!

GET IT ON Google Play   Download on the App Store
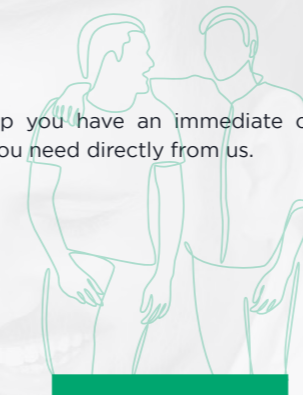
Catalogues.

All Comelit documents are always with you, even when your device is offline!

Support.

With the MyComelit app you have an immediate channel to request all the support you need directly from us.

## Knowledge.

An infinite of content at your disposal! Quick search of our products, list of services, company news, and video tutorials.

Monitoring.

Through the App, it is possible to configure, manage, monitor and update your video door entry systems.

Technical Assistance.

One of Comelit's constant priorities is and always has been the focus on people. Through the App you can contact a sales representative or the technical support team to get the assistance you need.
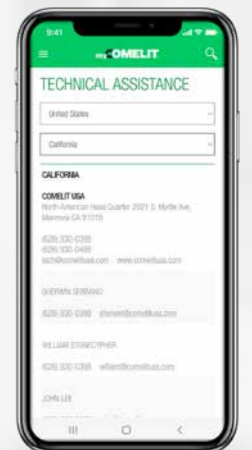
Configuration.

Configuration is possible via our App to simplify your work and life!
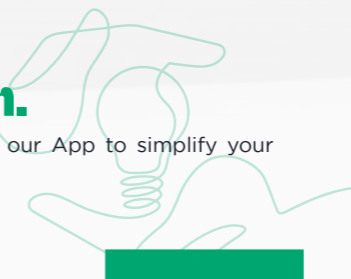
YOUR DATA IS SAFER WITH US!

IS OUR DATA REALLY SAFE? WHO IS BEHIND THE OVERFLOWING AMOUNT OF DATA PASSING THROUGH THE SERVERS? ARE THEY TRANSPARENT COMPANIES? THESE ARE THE REAL QUESTIONS WE MUST ASK OURSELVES BEFORE CHOOSING A VIDEO SURVEILLANCE SYSTEM.

The **trust** of our customers forms the base of Comelit's business and we know that **you trust us** to protect your most critical and sensitive resource: **your data.** Our cameras and video recorders use special firmware to ensure the utmost care when it comes to **cyber security** and **data protection**. Comelit products use encrypted communication protocols, Telnet port locking, encrypted configuration files, storage data encryption and backup.

But is this enough to ensure cyber security and data protection? **We have taken it a step further!**

We have further increased the security of our customers' data using the infrastructure and cloud services of **Amazon Web Services** (AWS), the most comprehensive and secure cloud platform currently available. Thanks to the use of AWS cloud services, Comelit video surveillance solutions offer **the highest standards** in terms of resilience, cyber security and the protection of sensitive and personal data in compliance with European privacy regulations. The infrastructure, based on the use of highly reliable and scalable serverless technologies, is systematically subject to:

- **Vulnerability Assessment for the detection of security holes in software, its dependencies, and network configurations.**

- **Monitoring with Artificial Intelligence tools that use pattern recognition algorithms to detect fraudulent behaviour and attacks.**

- **Monitoring through tools that use Machine Learning and pattern matching to identify sensitive data and protect its privacy and security by enforcing security best practices.**

- **Intelligent Threat Detection tool with transport layer DDoS attack protection (lvl 4 ISO OSI).**

DATA IS ARCHIVED IN EUROPE AND WE OBSERVE EU REGULATIONS CONCERNING PRIVACY, PORTABILITY AND DATA SOVEREIGNTY

AMAZON WEB SERVICES

For over 15 years, AWS has been the most comprehensive and widely-adopted cloud platform in the world. AWS has continuously expanded its services to support practically any workload in the cloud and now offers over 200 complete services for calculation, storage, databases, networking, analytics, robotics, automatic learning and artificial intelligence (AI), Internet of Things (IoT), mobile, security, hybrid, virtual and augmented reality (VR and AR), media and development. Millions of customers – including the most rapidlygrowing start-ups, the largest companies and the main government agencies – rely on AWS to boost their infrastructures, become more flexible and satisfy the highest security requirements.

NDAA & GDPR COMPLIANT

COMELIT IS PROUD TO BE ABLE TO PROVIDE A RANGE OF PRODUCTS, INCLUDING SOLUTIONS THAT ARE MARKETABLE TO THE US GOVERNMENT, THE DEPARTMENT OF DEFENSE (DOD) AND THE RELATED CONTRACTORS AND AFFILIATES, IS FULLY COMPLIANT WITH THE NDAA AND GDPR.

NDAA
THE US GOVERNMENT'S STATEMENT CONCERNING THE PROTECTION OF DATA BELONGING TO THEM AND THEIR CITIZENS ALIKE.

Section 889 of the John S.McCain National Defense Authorization Act prohibits government contractors from providing the federal government with telecommunications or video surveillance equipment, systems, or services (or an essential component thereof) produced or provided by several Chinese companies and their subsidiaries and affiliates.

NDAA COMPLIANT

GDPR COMPLIANT

ONVIF®

The ONVIF (Open Network Video Interface Forum) is an organisation whose goal is promoting compatibility between different pieces of equipment used for video surveillance, which more specifically are based on IP communication protocol, to make systems producedM by different companies fully interoperable.

Comelit products use a proprietary protocol and the company's own servers located in Europe. Furthermore, they are fully ONVIF compliant, meaning that full compatibility with products made by other companies is guaranteed.

COMELIT CCTV APP

COMELIT CCTV IS A FREE APPLICATION FOR IOS AND ANDROID DEVICES. IT IS COMPATIBLE WITH ALL NVRS, XVRS AND IP CAMERAS IN THE ADVANCE AND NEXT SERIES. IT OFFERS USERS FULL CONTROL OF THE DEVICES, ALLOWING ACCESS TO LIVE VIEW, PLAYBACK AND SETTINGS.

ULTIMATE CUSTOMISATION

Comelit CCTV allows you to choose:
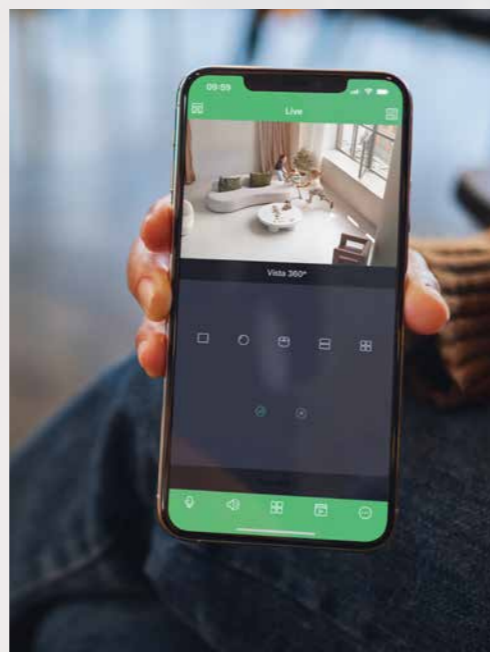● the view you get on opening the APP (one specific device only, a favourite group of channels, the last layout shown)

● what happens when you open a push notification (live view of the channel, point of event playback, etc.)

● what type of playback events will be shown (all, motion, sensors, analysis)

● the desired viewing layout (choose between 8 different viewing modes)

● the video stream based on the network speed.

OPTIMUM CONTROL
Devices can be set directly via the app with full configuration functions, as if you were actually at the installation site:
● adding faces to the face database
● backing up the recorded files
● speaking and listening via supported devices
● activating alarms
● performing P2P connection

Plus:
● password gesture login
● playback bar with different colours according to the event
● PTZ and motorised lens control
● fisheye view

THE STANDARD VIDEO SURVEILLANCE RANGE: "NEXT SERIES"

The Next Series is Comelit's entry-level IP video surveillance range, ideal for small-to medium-sized installations and for offering cost-effective solutions. The IP camera offering is straightforward yet comprehensive, with turret and bullet cameras available in various resolutions (4/8MP) and lens types (fixed/motorized varifocal).

WITHIN THE NEXT SERIES, WE CAN IDENTIFY TWO MAIN TYPES OF CAMERAS

● Standard cameras: capable of reaching resolutions up to 8MP and equipped with some video analysis features based on human/vehicle recognition.

● Basic cameras: the simplest type, with a 4MP resolution and motion detection features, ideal for providing the most cost-effective solution possible.

The Next Series is fully integrated and compatible with our professional range, the Advance Series, making it possible to mix together products from both ranges without any limitations. This allows the creation of systems with varying levels of flexibility, scale, and performance to meet the needs of any customer."

Region intrusion detection
An alarm is generated if there is an intrusion within an area. It is also possible to identify whether it is a person or a vehicle entering the programmed area, creating custom alarm activation rules.

Line crossing detection
An alarm is generated if one or more configured lines are crossed. It is possible to identify whether it is a person or a vehicle crossing the programmed line, creating custom alarm activation rules.

Human/vehicle classification
Offers reliable identification of the target and allows identification of people, vehicles, bikes and motorcycles, eliminating false alarms generated by atmospheric events, animals or moving objects

ROI Zone (Region Of Interest)
It ensures image quality and detail in several zones within the scene, optimising the overall bandwidth of the video stream.
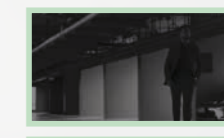
Ultra Starlight
The " sensor increases sensitivity to light by 5 times in relation to classic cameras; it provides sharp images with a high contrast even in low lighting conditions.

NEXT series ColorUP
In the field of video surveillance, it is becoming increasingly essential to have detailed, high-quality images, especially in poor lighting conditions. If we were to use a conventional camera at night, it would be impossible to capture key details, such as what a person is wearing or the colour of a vehicle. The Comelit Colour Up line can deliver very sharp colour images under poor lighting conditions while minimising noise levels, thanks to a sensor optimized for low-light levels and a built-in white LED, which can supply the minimum required illumination in absence of any ambient light. Moreover, if desired, it's also possible to use ColorUp cameras as traditional cameras, with IR illumination and B&W images during nighttime.
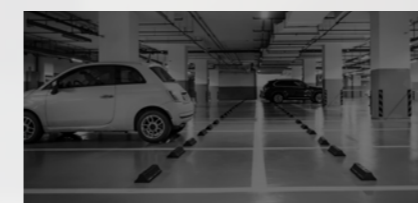
THE "ADVANCE" PROFESSIONAL VIDEO SURVEILLANCE RANGE.

Professional solutions and systems for specialists.

Comelit presents the new professional video surveillance range, ideal for large and medium-sized premises, offering solutions which can also apply to vertical markets. The new IP cameras are available in various models, with an IP67 rating for water resistance and IK10 anti-vandal protection, and feature Ultra Starlight technology, True WDR, High Frame Rate up to 60fps, built-in alarms, I/O audio and SD card.

One of the new features of the Advance series is DVA (deep video analysis) technology built into the cameras, making it possible to recognise people and vehicles by means of advanced artificial intelligence algorithms while eliminating false alarms. Many functions utilise DVA technology, including people counting, line crossing, area intrusion and tracking functions. Another new feature is face recognition, which identifies a face, registers its characteristics and compares them with a database. The system can also be managed remotely with the App and "Comelit CCTV Manager" VMS software.

The Advance series consists of NVRs which offer storage up to 16 HDD (max 128TB), dual network port, dual video output, resolution up to 4K and advanced functions such as Smart Search and Face tracking.

Comelit CCTV Manager Lite

COMELIT CCTV MANAGER LITE

VMS software that can be installed on a Windows PC or a Mac, it allows to manage multiple CCTV systems, local or remote, from a single interface.

-NVRs and cameras local connection	-Database management
-NVRs remote connection via P2P	-Smart search
-Up to 256ch (free of charge)	-Alarm center management
-Live view	-Multi-monitor
-Playback (local or remote)	-E-map
-Device programming	-TV wall management

DVA TECHNOLOGY: ADVANCED FUNCTIONS.

Line crossing detection
An alarm is generated if one or more configured lines are crossed. It is possible to identify whether it is a person or a vehicle crossing the programmed line, creating custom alarm activation rules
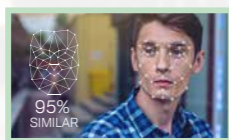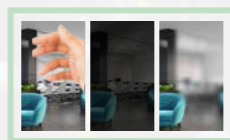
Face Recognition (human/vehicle classification)
Detects a face and registers its features. Set a similarity level; the system will compare the detected face with those stored in a database.

Camera tampering
3 situations can be detected and alarmed: forced movement of the camera; camera masking or covering; lens tampering which is causing blurry images.

Loitering
NEW
When a person stays in the selected area for a long time, the system detects it as suspicious behaviour and sends an alarm signal.

Region intrusion detection (human/vehicle classification)
An alarm is generated if there is an intrusion within an area. It is also possible to identify whether it is a person or a vehicle entering the programmed area, creating custom alarm activation rules

Human/vehicle counting
Allows counting of people and vehicles both entering and exiting a configured area.

Illegal parking
NEW
In areas where you can't park or stay with a vehicle, this function offers a good solution for a timely recognition of the infraction

Audio anomaly
NEW
It can trigger an alarm when a sudden sound change is recorded over a certain period of time.

METADATA

Thanks to this new DVA function, it is not only possible to detect people and vehicles, but also extrapolate and record specific details of the detected subjects, such as the color of clothing, the presence of hats and glasses, the presumed sex and age and much more. Moreover, speaking instead of vehicles, it is possible to detect the color, the type of vehicle and possibly also the brand.

All this allows us to make the search for information easier, more precise and faster when playing back recordings.

What is it?
Metadata analysis is performed by an algorithm within the camera, which is able to analyse and grasp specific details regarding people or vehicles passing by and recorded on video.

What does it recognise?
With regard to people, it can tell whether they are men or women, if they are wearing glasses, a backpack or a hat, as well as what kind and colour of clothes they are wearing. The person's approximate age group is also specified.

As for vehicles, it gives us detailed information on the type, colour, year of production, brand and model of the vehicle.

When is it useful?
The main purpose of metadata analysis is to help the user search for information while the video is being played. When the recording includes many variables, the option of filtering results according to the required characteristics helps to improve speed and accuracy.

COMELIT CCTV MANAGER PRO

Professional version of CCTV Manager, with a distributed architecture (server-client logic). This version is supplied only on our dedicated series of servers, high-performance devices which include all-in-one servers, transfer servers and storage serves. This solution is the ideal to handle very large CCTV systems, either local ones with hundreds of cameras or as common interface to interconnect multiple remote NVRs. It has all the feature of Lite version, with these additions:

-128ch free of charge (expandable through license)	-Server-client architecture
-Up to 10.000ch connected	-Extra features: Face Greeting, Face Attendance, Parking Lot Management, Industrial Temperature Measurement
-Up to 10.000 devices connected	

FOR FURTHER INFORMATION, PLEASE CONTACT YOUR BUSINESS DEVELOPMENT MANAGER
COMELITSALES@COMELIT-PAC.CO.UK

NEXT IP SERIES

4MP BASIC CAMERAS
TURRET / BULLET

	IPBCAMN04F01CUA	IB04N2Z01A	IPTCAMN04F01CUA	IT04N2Z01A
Resolution	2560 x 1440 (4MP)	2560 x 1440 (4MP)	2560 x 1440 (4MP)	2560 x 1440 (4 MP)
Lens	2,8 mm, fixed lens	2,8 - 12 mm, motorised lens with autofocus	2,8 mm, fixed lens	2,8 - 12 mm, motorised lens with autofocus
IR	20m (Smart IR)	30m (Smart IR)	20m (Smart IR)	30m (Smart IR)
White LED	20m (Smart LED)	20m (Smart LED)	20m (Smart LED)	20m (Smart LED)
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Video analytics	Line crossing detection, enter area	Line crossing detection, enter area	Line crossing detection, enter area	Line crossing detection, enter area
Support SD card	-	-	-	-
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (mic) / 0	1 (mic) / 0	1 (mic) / 0	1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A, WMA-01A	JBA-TVA, CMA-TVA, WMATVA, PMA-A, AMA-A, WMA-02A

NEXT IP SERIES

4MP CAMERAS
BULLET

	IB04N2FA	IB04N2ZA
Resolution	2592 x 1520 (4MP)	2592 x 1520 (4MP)
Lens	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm
Frame rate	4MP@25fps	4MP@25fps
IR	20m (Smart IR)	30m (Smart IR)
White LED	20m (Smart LED)	30m (Smart LED)
WDR	WDR 120dB	WDR 120dB
Video analytics	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A

NEXT IP SERIES

4MP CAMERAS
TURRET

	IT04N2FA	IT04N2FAB	IT04N2ZA	IT04N2ZAB
Resolution	2560x1440 (4MP)	2560x1440 (4MP)	2560x1440 (4MP)	2560x1440 (4MP)
Lens	2,8 mm, fixed lens	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm	Motorised lens 2,8 - 12 mm
Frame rate	4MP@25fps	4MP@25fps	4MP@25fps	4MP@25fps
IR	20m (Smart IR)	20m (Smart IR)	30m (Smart IR)	30m (Smart IR)
White LED	20m (Smart LED)	20m (Smart LED)	30m (Smart LED)	30m (Smart LED)
WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Video analytics	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A	JBA-TBBAB, CMA-KTBBAB, WMA-KTBBAB, PMA-AB, AMA-AB, WMA-01AB	JBA-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A, WMA-02A	JBA-TVBB, PMA-AB, AMA-AB, WMA-02AB

NEXT IP SERIES

DETERRENCE CAMERAS
TURRET

NEW

	IB04N3FA	IB04N3ZA	IT04N3FA	IT04N3ZA
Resolution	2560x1440 (4MP)	2560x1440 (4MP)	2560x1440 (4MP)	2560x1440 (4MP)
Lens	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm
Frame rate	4MP@25fps	4MP@25fps	4MP@25fps	4MP@25fps
IR	30m (Smart IR)	30m (Smart IR)	30m (Smart IR)	30m (Smart IR)
White LED	30m (Smart LED)	30m (Smart LED)	30m (Smart LED)	30m (Smart LED)
WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Video analytics	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).
Deterrent function	Flashing blue and red LED light + sound alarm	Flashing blue and red LED light + sound alarm	Flashing blue and red LED light + sound alarm	Flashing blue and red LED light + sound alarm
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm) + 1 (built-in speaker)	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm) + 1 (built-in speaker)	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm) + 1 (built-in speaker)	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm) + 1 (built-in speaker)
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-TVA, CMA-TVA, WMATVA, PMA-A, AMA-A, WMA-02A	BA-TVA, CMA-TVA, WMATVA, PMA-A, AMA-A, WMA-02A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A

NEXT IP SERIES

8MP CAMERAS
TURRET / BULLET

ADVANCE IP SERIES

4MP CAMERAS
TURRET

	IB08N2FA	IB08N2ZA	IT08N2FA	IT08N2ZA
Resolution	3840 x 2160 (8MP)	3840 x 2160 (8MP)	3840 x 2160 (8MP)	3840 x 2160 (8MP)
Lens	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm	2,8 mm, fixed lens	Motorised lens 2,8 - 12 mm
Frame rate	8MP@20fps	8MP@20fps	8MP@20fps	8MP@20fps
IR	20m (Smart IR)	30m (Smart IR)	20m (Smart IR)	30m (Smart IR)
White LED	20m (Smart LED)	30m (Smart LED)	20m (Smart LED)	30m (Smart LED)
WDR	WDR, 120dB	WDR, 120dB	WDR, 120dB	WDR, 120dB
Video analytics	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).	Line crossing, enter area, (distinction between people and vehicles).
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A	JBA-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A, WMA-02A

	IPTCAMA04FC	IPTCAMA04FCB	IPTCAMA04ZC	IPTCAMA04ZCB
Resolution	2592 x 1520 (4MP)	2592 x 1520 (4MP)	2592 x 1520 (4MP)	2592 x 1520 (4MP)
Lens	2,8 mm, fixed lens	2,8 mm, fixed lens	2,8 - 12 mm, motorised lens with autofocus	2,8 - 12 mm, motorised lens with autofocus
Frame rate	4MP@25fps	4MP@25fps	4MP@25fps	4MP@25fps
IR	30m (Smart IR)	30m (Smart IR)	50m (Smart IR)	50m (Smart IR)
WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Video analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A	JBA-TBBAB, CMA-KTBBAB, WMA-KTBBAB, PMA-AB, AMA-AB, WMA-01AB	JBA-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A, WMA-02A	JBA-TVBB, PMA-AB, AMA-AB, WMA-02AB

ADVANCE IP SERIES

4MP CAMERAS
BULLET

	IPBCAMA04FC	IPBCAMA04FCB	IPBCAMA04ZC	IPBCAMA04ZCB
Resolution	2592 x 1520 (4MP)	2592 x 1520 (4MP)	2592 x 1520 (4MP)	2592 x 1520 (4MP)
Lens	2,8 mm, fixed lens	2,8 mm, fixed lens	2.8-12 mm, motorised lens with autofocus	2,8-12 mm, motorised lens with autofocus
Frame rate	4MP@25fps	4MP@25fps	4MP@25fps	4MP@25fps
IR	50m (Smart IR)	50m (Smart IR)	50m (Smart IR)	50m (Smart IR)
WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Video analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	-	-	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) / 0	1 (jack 3.5mm) / 0	1 (jack 3.5mm) / 0	1 (jack 3.5mm) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BAB, CMA-BAB, PMA-AB, AMA-AB	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BAB, CMA-BAB, PMA-AB, AMA-AB

ADVANCE IP SERIES

8MP CAMERAS
TURRET / BULLET

	IPBCAMA08Z01C	IPTCAMA08FC	IPTCAMA08ZC
Resolution	3840 x 2160 (8MP)	3840 x 2160 (8MP)	3840 x 2160 (8MP)
Lens	2,8 - 12 mm, motorised lens with autofocus	2,8 mm, fixed lens	2,8 - 12 mm, motorised lens with autofocus
Frame rate	8MP@20fps	8MP@20fps	8MP@20fps
IR	70m (Smart IR)	30 m (Smart IR)	250m (Smart IR)
WDR	WDR 120dB	WDR 120dB	WDR 120dB
Video analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies
Support SD card	Micro-SD (128GB max)	Micro-SD (128GB max)	Micro-SD (128GB max)
Alarm Inputs/ Outputs	1 IN / 1 OUT	-	-
Audio Inputs/ Outputs	1 (jack 3.5mm) / 1 (jack 3.5mm)	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) + 1 (mic) / 0
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A	JBA-TVA, CMA-TVA, WMA-TVA, PMA-A, AMA-A WMA-02A

ADVANCE IP SERIES
4/8MP CAMERAS
VANDALDOME

	IPKCAMA04FD	IPKCAMA04ZC	IPKCAMA08ZC
Resolution	2592 x 1520 (4MP)	2592 x 1520 (4MP)	3840 x 2160 (8MP)
Lens	2.8 mm	2.8-12 mm motorized lens with autofocus	2.8-12 mm motorized lens with autofocus
Frame rate	4MP @ 25fps	4MP @ 25fps	8MP @ 20fps
IR	20M (Smart IR)	50M (Smart IR)	50M (Smart IR)
WDR	WDR 120dB	WDR 120dB	WDR 120dB
Video Analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies
Support SD card	Micro - SD (256GB max)	Micro - SD (128GB max)	Micro - SD (128GB max)
Alarms Inputs/ Outputs	1 IN / 1 OUT	1 IN / 1 OUT	1 IN / 1 OUT
Audio Inputs/ Outputs	1 (jack 3.5mm) + 1 (mic) / 0	1 (jack 3.5mm) / 1 (jack 3.5mm)	1 (jack 3.5mm) / 1 (jack 3.5mm)
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	WMA-01A	JBA-KA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A	JBA-KA, CMA-KCAMA, PMA-A, AMA-A

ADVANCE IP SERIES
SPECIAL CAMERAS

	IPPTZA04Z25A	IPPTZA04Z40B	IPSCAMA08F04A	IPFCAMA12FA
Resolution	2560 x 1440 (4MP)	2560 x 1440 (4MP)	4096 x 1800 (8MP)	4000 x 3000 (12MP)
Lens	4,8 - 120 mm, motorized optics with autofocus function (Zoom 25X optics)	4,5 - 180 mm, motorized optics with autofocus function (Zoom 40X optics)	3,3 mm, fixed lens	1,65 mm, fixed lens
Frame rate	4MP@25fps	4MP@25fps	8MP@30fps	12MP@25fps
IR	160m (Smart IR)	350m (Smart IR)	30m (Smart IR)	20m (Smart IR)
WDR	WDR 120dB	WDR 120dB	Digital WDR	Digital WDR
Video analytics	Change detection scene detection, video sabotage, Detection line crossing (human classification / vehicle), Entrance detection / exit / intrusion into the area (human classification / vehicle), Counting vehicles / people	Change detection scene detection, video sabotage, Detection line crossing (human classification / vehicle), Entrance detection / exit / intrusion into the area (human classification / vehicle), Counting vehicles / people	Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting,Motion detection	Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting,Motion detection
Support SD card	Micro-SD (256GB max)	Micro-SD (256GB max)	Micro-SD (128GB max)	Micro-SD (256GB max)
Alarm Inputs/ Outputs	1/1	1/1	1/1	1/1
Audio Inputs/ Outputs	1 (jack 3.5mm) / 1 (jack 3.5mm)	1 (jack 3.5mm) / 1 (jack 3.5mm)	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm)	1 (jack 3.5mm) + 1 (mic) / 1 (jack 3.5mm)
IP/IK	IP67 / IK10	IP67 / IK10	IP67 / IK10	IP67 / IK10
Compatible accessories	CMA-PTZ02A, CMA-PTZA, PMA-A, AMA-A	CMA-PTZ02A, CMA-PTZA, PMA-A, AMA-A	JBA-KA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A	JBA-FA, CMA-FA, WMA-FA, PMA-A, AMA-A

	IPBCAMA04Z550C	IPLPRA04ZSWA
Resolution	2560 x 1440 (4MP)	2592 x 1520 (4MP)
Lens	5 - 50 mm, motorised lens with autofocus	8-32 mm motorized lens with autofocus
Frame rate	4MP@25fps	4MP @ 25fps
IR	100 m (Smart IR)	100 m (Smart IR)
WDR	WDR 120dB	WDR 120dB
Video analytics	Scene change detection, Face detection, Face capture, Video tampering detection, Line crossing detection (human /vehicle classification), Region entrance/ exit / intrusion detection (human /vehicle classification), Vehicles / people counting, Analysis of metadata, illegal parking, loitering, noise anomalies	Automatic number plate recognition, motion detection, scene change detection
Support SD card	Micro-SD (256GB max)	Micro – SD (max 256Gb)
Wiegand Output	-	Yes
Alarm Inputs/ Outputs	1 IN / 1 OUT	1 IN / 1 OUT
Audio Inputs/ Outputs	1 (jack 3.5mm) / 1 (jack 3.5mm)	1 (jack 3.5mm) / 1 (jack 3.5mm)
IP/IK	IP67 / IK10	IP67 / IK10
Compatible accessories	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A	JBA-TBBA, CMA-KTBBA, WMAKTBBA, PMA-A, AMA-A

ADVANCE IP SERIES

THERMAL CAMERAS

	IPTHBCAMA03A	IPTHBCAMA07A	IPTHTCAMA03A	IPTHTCAMA07A
Resolution	Optical: 5MP / Thermal: 256x192	Optical: 5MP / Thermal: 256x192	Optical: 5MP / Thermal: 256x192	Optical: 5MP / Thermal: 256x192
Lens	Thermal: 3,2 mm / Optical: 4mm	Thermal: 7mm / Optical: 8mm	Thermal: 3,2 mm / Optical: 4mm	Thermal: 7mm / Optical: 8mm
Frame rate	25fps	25fps	25fps	25fps
IR	50m (Smart IR)	50m (Smart IR)	30m (Smart IR)	30 m (Smart IR)
WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Video Analytics	Thermal sensor: line crossing detection, area intrusion detection (person / vehicle classification), temperature measurement, fire detection Optical sensor: face detection, face capture, line crossing detection (person/ vehicle classification), entry/exit/detection area intrusion (people/vehicle classification), vehicle/ people counting	Thermal sensor: line crossing detection, area intrusion detection (person / vehicle classification), temperature measurement, fire detection Optical sensor: face detection, face capture, line crossing detection (person/ vehicle classification), entry/exit/detection area intrusion (people/vehicle classification), vehicle/ people counting	Thermal sensor: line crossing detection, area intrusion detection (person / vehicle classification), temperature measurement, fire detection Optical sensor: face detection, face capture, line crossing detection (person/vehicle classification), entry/ exit/detection area intrusion (people/vehicle classification), vehicle/ people counting	Thermal sensor: line crossing detection, area intrusion detection (person / vehicle classification), temperature measurement, fire detection Optical sensor: face detection, face capture, line crossing detection (person/ vehicle classification), entry/exit/detection area intrusion (people/vehicle classification), vehicle/ people counting
Support SD card	MICRO - SD (256GB MAX)	MICRO - SD (256GB MAX)	MICRO - SD (256GB MAX)	MICRO - SD (256GB MAX)
Alarms Inputs/ Outputs	1 IN / 1 OUT	1 IN / 1 OUT	1 IN / 1 OUT	1 IN / 1 OUT
Audio Inputs/ Outputs	1 (jack 3.5mm) / 1 (built-in speaker)	1 (jack 3.5mm) / 1 (built-in speaker)	1 (jack 3.5mm) + 1 (mic) / 1 (built-in speaker)	1 (jack 3.5mm) + 1 (mic) / 1 (built-in speaker)
IP/IK	IP66 / IK10	IP66 / IK10	IP66 / IK10	IP66 / IK10
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA,PMA-A, AMA-A, WMA-01A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA,PMA-A, AMA-A, WMA-01A

AHD SERIES

4MP CAMERAS
TURRET / BULLET

	AB04N0FA	AB04N1ZA	AT04N0FA	AT04N1ZA
Resolution	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)
Lens	3,6 mm, fixed lens	Motorised lens 2,8 - 12 mm	3,6 mm, fixed lens	Motorised lens 2,8 - 12 mm
Frame rate	30fps	30fps	30fps	30fps
IR	-	30m Smart IR	-	30m Smart IR
White LED	20m (Smart LED)	-	20m (Smart LED)	-
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Video output	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
IP/IK	IP67/-	IP67/-	IP67/-	IP67/-
Compatible accessories	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A	JBA-TBBA, CMA-KTBBA, WMA-KTBBA, PMA-A, AMA-A, WMA-01A

AHD SERIES

XVR

NEXT IP SERIES

NVR

	AHDVR004N05ASL	AHDVR008N05ASL	AHDVR016N05ASL
Analogue inputs	4 CH	8 CH	16 CH
IP Cameras	2CH@5MP	4CH@5MP	8CH@5MP
Recording resolution	5MP / 4MP / 1080P / 720P / WD1	5MP / 4MP / 1080P / 720P / WD1	5MP/4MP/1080P/720P/WD1
Analogue technologies supported	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS	AHD/TVI/CVI/CVBS
Hybrid mode	Analogue+Network: 4CH Analogue (MAX 5MP) +2 IPC (MAX 5MP)	Analogue+Network: 8CH Analogue (MAX 5MP) +4 IPC (MAX 5MP)	Analogue+Network: 16CH Analogue (MAX 5MP) +8 IPC (MAX 5MP)
Recording Rate	Analogue channels: 5MP Lite: 10 fps; 4MP Lite/1080P: 12 fps (PAL)/15 fps (NTSC); 1080P Lite/720P/WD1: 25 fps (PAL)/30 fps (NTSC) IP cameras: Main stream: 5MP/4MP/3MP/1080P/960P/720P/960H/D1/CIF (1-25/30 fps) (PAL/NTSC) Sub stream: 1080P 960H (1-25/30 fps); D1/CIF/ (1-25/30 fps) (PAL/NTSC)	Analogue channels: 5MP Lite: 10 fps; 4MP Lite/1080P: 12 fps (PAL)/15 fps (NTSC); 1080P Lite/720P/WD1: 25 fps (PAL)/30 fps (NTSC) IP cameras: Main stream: 5MP/4MP/3MP/1080P/960P/720P/960H/D1/CIF (1-25/30 fps) (PAL/NTSC) Sub stream: 1080P 960H (1-25/30 fps); D1/CIF/ (1-25/30 fps) (PAL/NTSC)	Analogue channels: 5MP Lite: 10 fps 4MP Lite/1080P: 12 fps(PAL)/15 fps(NTSC) 1080P Lite/720P/WD1/D1: 25 fps (PAL) / 30 fps (NTSC) IP cameras: Main stream: 5MP/4MP/3MP/1080P/960P/720P/960H/D1/CIF (1-25/30 fps) (PAL/NTSC) Sub stream: 1080P 960H (1-25/30 fps); D1/CIF/ (1-25/30 fps) (PAL/NTSC)
Video outputs	1 (VGA), 1 (HDMI), 1920x1080	1 (VGA), 1 (HDMI), 1920x1080	1 (VGA), 1 (HDMI), 1920x1080
Video Analysis	Video analysis (only with dedicated cameras)	Video analysis (only with dedicated cameras)	Video analysis (only with dedicated cameras)
HDD interface	1 SATA, (Maximum Hard Disk capacity 10TB)	1 SATA, (Maximum Hard Disk capacity 10TB)	1 SATA, (Maximum Hard Disk capacity 10TB)
HDD included	-	-	-
Metal box	SBOX, LBOX	SBOX, LBOX	SBOX, LBOX

	NIPNVR004N06PASL	NIPNVR008N06PASL	NIPNVR016N08PASL
IP-camera's	4 CH	8 CH	16 CH
PoE-ports	4 Ethernet (10/100Mbps) PoE (IEEE802.3af)	8 Ethernet (10/100Mbps) PoE (IEEE802.3af)	16 Ethernet (10/100Mbps) PoE (IEEE802.3af)
Supported resolutions	4ch@6MP4CH@6MP/5MP/4MP/3MP/2MP/960P/720P/960H/D1/CIF	8ch@6MP/5MP/4MP/3MP/2MP/960P/720P/960H/D1/CIF	16ch@8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Video analytics	Supports all video analysis functions on the connected IP camera (NEXT / ADVANCE series)	Supports all video analysis functions on the connected IP camera (NEXT / ADVANCE series)	Supports all video analysis functions on the connected IP camera (NEXT / ADVANCE series)
Video outputs	1 HDMI, 1 VGA (1920x1080)	1 HDMI, 1 VGA (1920x1080)	1 HDMI (4K), 1 VGA (1920x1080)
HDD-interface	1 SATA2.0 (6TB max)	1 SATA2.0 (6TB max)	1 SATA2.0 (8TB max)
Includes HDD	-	-	-
Alarm Inputs/ Outputs	-	-	-
Metal box compatible	SBOX, LBOX	SBOX, LBOX	MBOX,LBOX

ADVANCE IP SERIES

NVR POE

	NIPNVR004A08PASL	NIPNVR008A12PBSL	NIPNVR016A12PASL
IP-camera's	4 CH	8 CH	16 CH
PoE-ports	4 Ethernet (10/100Mbps) PoE (IEEE802.3af)	8 Ethernet (10/100Mbps) PoE (IEEE802.3af)	16 Ethernet (10/100Mbps) PoE (IEEE802.3af)
Supported resolutions	4ch@8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MPP/960P/720P/960H/D1/CIF	8ch@12MP/8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MPP/960P/720P/960H/D1/CIF	16ch@12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Video analytics	Supports all video analysis functions on the connected IP camera (NEXT / ADVANCE series)	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence
Video outputs	1 HDMI (4K), 1 VGA (1920x1080)	1 HDMI (4K), 1 VGA (1920x1080)	1 HDMI (4K), 1 VGA (1920x1080)
HDD-interface	1 SATA2.0 (10TB max)	1 SATA2.0 (10TB max)	2 SATA2.0 (10TB max)
Includes HDD	-	-	-
Alarm Inputs/ Outputs	-	8/4	8/4
Metal box compatible	SBOX, LBOX	SBOX, LBOX	SBOX,LBOX

ADVANCE IP SERIES

NVR

NEW

	NIPNVR032A12NASL	N64N16A8HOA	NIPNVR064A16NASL	NIPNVR128A16NASL
IP-camera's	32 CH	64 CH	64 CH	128 CH
PoE-ports	-	-	-	-
Supported resolutions	32ch@12MP/8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MPP/960P/720P/960H/D1/CIF	64ch@16MP/12MP/8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MP/960P/720P/960H/D1/CIF	64ch@16MP/12MP/8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MP/960P/720P/960H/D1/CIF	128ch@16MP/12MP/8MP/6MP-4CH@6MP/5MP/4MP/3MP/2MP/960P/720P/960H/D1/CIF
Video analytics	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence	Supports all video analysis functions on board the connected IP camera (NEXT / ADVANCE series) + face recognition, face recording, face presence
Video outputs	1 HDMI (4K), 1 HDMI (1920x1080, spot monitor), 1 VGA (1920x1080)	1 HDMI 4K (up to 8K by disabling one of the other HDMI output), 2 HDMI 4K (spot monitor), 1 HDMI 1080p (spot monitor), 1 VGA 1080p	1 HDMI 4K (up to 8K by disabling one of the other HDMI output), 2 HDMI 4K (spot monitor), 1 HDMI 1080p (spot monitor), 1 VGA 1080p	1 HDMI 4K (up to 8K by disabling one of the other HDMI output), 2 HDMI 4K (spot monitor), 1 HDMI 1080p (spot monitor), 1 VGA 1080p
HDD-interface	8 SATA2.0 (10TB max)	8 SATA2.0 (10TB max)	16 SATA2.0 (10TB max)	16 SATA2.0 (10TB max)
Includes HDD	-	-	-	-
Alarm Inputs/ Outputs	16/4	16/8	24/8	24/8
Metal box compatible	MBOX	MBOX	-	-

HARD DISKS

ST8000VX004
HARD DISK WITH 8TB CAPACITY FOR DVR/NVR

ST2000VX015
HARD DISK WITH 2TB CAPACITY FOR DVR/NVR

ST4000VX013
HARD DISK WITH 4TB CAPACITY FOR DVR/NVR

ST6000VX0023
HARD DISK WITH 6TB CAPACITY FOR DVR/NVR

AHD/IP CONVERTER - I/O EXPANSOR

NEW

IPBOX0804A

IP expansion module, which can be integrated into a CCTV system just like a regular IP camera, with two main functions:

- Converting an analog camera signal (AHD/TVI/CVI up to 5MP or CVBS) to an IP camera with video analysis (people/vehicle detection and face detection)

- Addition of wired alarm contacts (8 inputs and 4 outputs) to any Advance or Next NVR.

SWITCHES

PS4850A *
POWER SUPPLY UNIT 48V 5A DIN RAIL FOR IPSWP10N02A

	IPSWN08N01A	IPSWP06N01A	IPSWP10N01A	IPSWP22N01A	IPSWP10N02A
LAN ports number	8 x10/100/1000Mbps RJ45 Port	6x10/100/1000Mbps RJ45 port	10x10/100/1000Mbps RJ45 port	16x10/100/1000Mbps RJ45 port 2x10/100/1000Mbps Combo port 2x 10/100/1000Mbps RJ45 Port	8x10/100/1000Mbps RJ45 Ports 2x1000Mbps SFP Slots 2x1000Mbps SFP Slots
LAN PoE-ports	-	1- 4	1- 8	1- 16	1-8
Standard PoE	-	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af, IEEE802.3at
PoE	-	Total 65W, Max 32W for PoE-port	Total 120W, Max 32W for PoE-port	Total 250W, Max 32W for PoE-port	Total 200W, Max 30W for PoE-port
SFP-slots	-	-	-	2x 1000Mbps SFP module	2x 1000Mbps SFP module
Maximum PoE transmission distance	-	Up to 250m	Up to 250m	Up to 250m	Up to 250m
Main functions	VLAN	VLAN and CCTV mode	VLAN and CCTV mode	VLAN and CCTV mode	VLAN and CCTV mode
Type of finishing materials	Metallic	Metallic	Metallic	Metallic	Die-cast aluminum

ADVANCE SERIES / NEXT SERIES

ACCESSORIES

JBA-BA
ADVANCE NEXT BIG IP66 CONNECTION BOX

CMA-BA
ADVANCE NEXT BIG CEILING BACKPLATE

WMA-BA
ADVANCE NEXT BIG WALL BACKPLATE

PMA-A
ADVANCE NEXT POLE-MOUNTING BACKPLATE

AMA-A
ADVANCE NEXT CORNER BACKPLATE

JBA-TBBA
ADVANCE NEXT CONNECTION BOX IP66

CMA-KTBBA
ADVANCE NEXT CEILING BACKPLATE

WMA-KTBBA
ADVANCE NEXT WALL BACKPLATE

JBA-FA
ADVANCE FISHEYE IP66 CONNECTION BOX

CMA-FA
ADVANCE FISHEYE CEILING BACKPLATE

WMA-FA
ADVANCE FISHEYE WALL BACKPLATE

CMA-PTZA
ADVANCE PTZ CEILING BACKPLATE ADVANCE PTZ

JBA-TVA
CONNECTION BOX FOR VARI. ADVANCE NEXT TURRET IP66

CMA-TVA
ADVANCE NEXT CEILING BACKPLATE

WMA-TVA
ADVANCE NEXT WALL BACKPLATE

JBA-BAB
IP66 CONNECTION BOX, ADVANCE BLACK

JBA-TVBB
CONNECTION BOX, ADVANCE BLACK

WMA-KTBBAB
WALL-MOUNT BACKPLATE, ADVANCE, BLACK

JBA-TBBAB
IP66 CONNECTION BOX, ADVANCE BLACK

WMA-01A
WALL MOUNT BRACKET FOR FIX TURRET

WMA-02A
WALL MOUNT BRACKET FOR MOTOR TURRET

WMA-01AB
WALL MOUNT BRACKET FOR FIX BLACK TURRET

WMA-02AB
WALL MOUNT BRACKET FOR MOTOR BLACK TURRET

PMA-AB
ADVANCE NEXT POLE-MOUNTING BACKPLATE BLACK

AMA-AB
ADVANCE NEXT CORNER BACKPLATE BLACK

S-BOX
METAL ENCLOSURE FOR NVR SMALL

M-BOX
METAL ENCLOSURE FOR NVR MEDIUM

L-BOX
METAL ENCLOSURE FOR NVR LARGE

ADVANCE SERIES / NEXT SERIES

ACCESSORIES COMPATIBILITY CHART

IPBCAMA04ZCB
IPBCAMA04FCB

IPTCAMA04ZCB
IT04N2ZAB

IPTCAMA04FCB
IT04N2FAB

JBA-BAB

JBA-TVBB

WMA-02AB

JBA-TBBAB

WMA-01AB

CMA-BAB

WMA-KTBBAB

PMA-AB

AMA-AB

ALL MODELS

ALL MODELS

ADVANCE SERIES / NEXT SERIES

ACCESSORIES
COMPATIBILITY CHART

IPTCAMA04ZC
IPTCAMA08ZC
IT04N2Z01A
IT04N2ZA
IT08N2ZA
IT04N3FA
IT04N3ZA

IPKCAMA04FD

IPTCAMN04F01CUA

IPTHBCAMA03A
IPTHBCAMA07A
IB04N3FA
IB04N3ZA
AB04N0FA
AB04N1ZA

IPBCAMN04F01CUA
IPBCAMA04FC
IPBCAMA04ZC
IPBCAMA08FC
IB04N2Z01A
IB04N2FA
IB04N2ZA
IB08N2FA
IB08N2ZA

IPFCAMA06FA
IPFCAMA12FA

WMA-02A   JBA-TVA   WMA-01A   JBA-BA   JBA-FA

WMA-FA   CMA-FA

WMA-TVA   CMA-TVA

WMA-BA   CMA-BA

ADVANCE SERIES / NEXT SERIES

ACCESSORIES
COMPATIBILITY CHART

IPPTZA04Z40B
IPPTZA04Z25A

IPKCAMA04ZC
IPKCAMA08ZC

IPBCAMA08Z01C
IPBCAMA04Z550C
IIPLPRA04ZSWA

IPTCAMA04FC
IPTCAMA08FC
IPTHTCAMA03A
IPTHTCAMA07A
IT04N2FA
IT08N2FA
AT04N1ZA
AT04N0FA

INCLUDED   CMA-PTZA   PMAJB-A   AMAJB-A   JBA-KA   CMA-KCAMA   JBA-TBBA   WMA-01A

AMA-A   PMA-A

WMA-KTBBA

CMA-KTBBA

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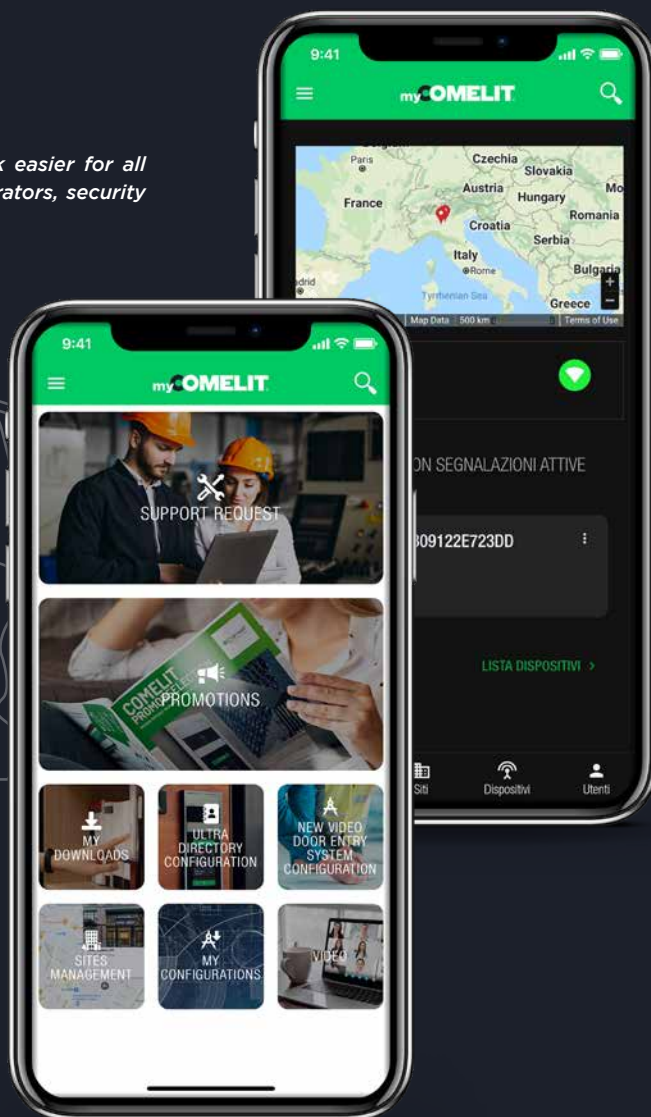
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