*The difference is in what is invisible to the eye.*
*Intelligence.*
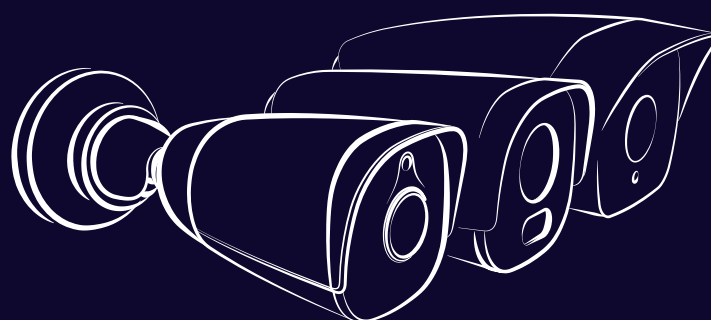
# neius

your professional solution

**urmet**

# NEIUS:
## THE TECHNOLOGY OF THE FUTURE AVAILABLE TODAY.

What is Neius? Neius is a state-of-the-art intelligent video surveillance technology. Neius is a new range of products, guaranteed by the Urmet brand, representing a decisive evolution in the field of security systems and developed on the basis of a scrupulous analysis of the market.

Neius is a leap into the future in terms of quality, professionalism, systemic capacity, integration. For professional installers, system integrators and design studios, Neius is the ideal solution on IP segments for open architecture systems. Particularly for medium and large scale systems. And for those who need even more performance there is the premium component of the range: Neius Platinum.

# THE RANGE

Neius is a complete professional video surveillance line that includes bullet and dome cameras with fixed or varifocal lens and resolution up to 4K, to meet different installation and control needs. The smart video analysis is standard on all cameras, ensuring broad data monitoring and verification capabilities at all times.

The cameras feature value-added interfaces such as an integrated microphone, SD card slot and hardware reset button.

A wide choice of NVRs for high-quality video and image recording completes the range.

Neius is ideal for applications intended for vertical markets: urban security, transport, healthcare, education, sports, entertainment, retail, small business.

MAIN FEATURES
- Starlight/Color Maker
- Built-in Mic/SD Card Slot/Reset Button
- Supports the most used VCA functions: Tripwire and Perimeter
- ONVIF (S/T/G Profile), MILESTONE, P2P
- S+265
- IP67

## NEIUS PLATINUM

Platinum distinguishes the "TOP PERFORMANCE" products in the Neius range.

MAIN FEATURES
- Starlight
- Built-in Mic/SD Card Slot/Reset Button
- Supports all the latest VCA functions
- ONVIF (S/T/G Profile), MILESTONE, P2P
- S+265
- IP67

milestone
TECHNOLOGY PARTNER

Onvif
Member

TOP PERFORMANCE
PLATINUM
VERSION
TOP PERFORMANCE

# THE MAIN ASSETS

What are the strengths of Neius?

The great ability to integrate on third-party platforms.

**The advanced technological functions:**

- **Color Maker and Starlight**, that allow sharp, colour night vision even in complete darkness
- the **second-generation video analysis**, based on a deep learning algorithm, that allows detecting and classifying a wide range of movements and entities and excluding false alarms.
- the mechanical features of the camera units, **all IP67 and IK10**, for vandal resistant cameras.

**Neius Platinum**: the premium Neius version that ensures top performance.

# DESIGN, TRAINING AND CUSTOMER CARE

Neius provides a dedicated design centre to develop solutions for every type of application: from public to transport, from industrial to large-scale installations.

A qualified Customer Service deals with the main technical requests, also offering in-person and online theoretical training courses.

The Neius range of solutions has been developed with the international experience of Urmet. To play a leading role in the market choices.

# MAIN FEATURES

## COLOR MAKER

**ALL THE SHARPNESS YOU NEED, IN COLOUR.**

Details are important when it comes to safety, especially in conditions where there is insufficient lighting. Whether it is the surveillance of airports, warehouses, shops or private homes. Thanks to the Neius range, there are no environments that are too dark or details that can be missed. Cameras equipped with Color Maker technology feature a large size sensor, a wide aperture and warm LED light.
This allows for non-stop recording of sharp, full-colour images, even in environments with poor lighting.

## STARLIGHT

**NIGHT VISION IN DAYLIGHT.**

Night vision from a camera, taken to the extreme - that is what Starlight technology provides.
In many situations the shooting area is devoid of any light source, or for security or privacy reasons it is not possible to illuminate as required. With Starlight, which allows visibility down to 0.0001 Lux, the problem is solved. In addition, Starlight allows extremely sharp vision without the need for any IR source. In this way, you can shoot the areas you are interested in without being observed, avoiding negative reflection effects and with completely sharp, full-colour images.

## IP67

**VIEWING THAT RESISTS EVERYTHING..**

Neius cameras, thanks to their IP67 technology, offer maximum robustness and resistance.
The camera units are fully protected against dust and water.
A sensitive and robust view that runs no risk thanks to the refined mechanics behind it.

They have no fear of water.

Shock resistant.

# A WELL-STRUCTURED RANGE

## THERMAL

### NOT ONE DEGREE TOO MANY.

The Neius line consists of camera units equipped with thermal technology that are able to analyse body temperature with extreme precision. If the warning limit is exceeded, users are immediately alerted of the anomaly by a visual and audible alarm.

## PTZ

### SO AS NOT TO MISS ANYTHING..

In addition to the range equipped with Thermal technology, Neius has a further line of PTZ units. All of them are also POE powered, with different lens sizes up to 44x zoom and special 180-360° panoramic solutions, and are thermal units capable of detecting fire and smoke over large areas. In addition, the PTZ units have an Autotracking function that allows them to automatically track vehicles or people that have been alerted by an alarm linked to intelligent video analysis.

## NVR HOT SWAP AND RAID

### HIGH-PRECISION VIDEO.

For highly advanced video recording, Neius relies on the most professional and precise technology on the market. A structured and complete range of tools starting from small NVRs, ideal for a small business, up to 80 channel solutions with Hot Swap HDDs perfect for the needs of large installations. In order not to lose anything and to guarantee continuity of service in the event of a disk failure, Raid mode allows the contents to be replicated on a second disk. Maximum precision, maximum security.

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# AI - 2nd GENERATION

Seeing is sometimes not enough. Seeing and understanding is better.Thanks to intelligent algorithms, the Neius range includes video analysis tools which allow a wider range of movements to be detected and analysed with extreme precision. Here are some examples.

## Human/Vehicle Classification:
makes it possible to differentiate vehicles from people passing through a pre-defined area. In this way there is a drastic reduction in false alarms by focusing an operator's attention only on events of priority importance signalled by the system.

## Safety Helmet Detection:
detects if a person on a construction site is not wearing a protective helmet and sends an alarm notification. The function also makes it possible to generate alarms linked to the colour of the helmets in the scene being filmed.

## Auto tracking:
a PTZ unit can be used to automatically track a vehicle or person following an alarm related to intelligent video analysis.

## Temperature Alarm:
detects human temperature, reporting abnormalities above the permitted threshold.

## Crowd:
detects when a defined threshold of people in a pre-configured area is exceeded, and sends an alarm notification.

## Heatmap:
a colour scale highlights the areas where there are greater concentrations of people.

## Running:
an alarm notification is sent in the event of a subject running within a predefined area.

## Parking:
an alarm is generated if a vehicle is parked for a predefined time in a prohibited space.

## Thermal Recognition:
enables the detection of fires.

## Double Tripwire:
allows two lines within the shooting area to be defined. An alarm is triggered if these lines are crossed within a set time and in the configured direction. The system can distinguish between a vehicle and a person.

## Face Capture:
detects the faces of people passing through a predefined area.

## Object Abandon:
enables automatic detection of any changes regarding the objects present within a predefined area.
If anything is left in the defined area, an alarm is generated.

## Object Lost:
automatic detection of any changes regarding the objects present within a predefined area. If an object is removed from the configured area, an alarm notification is sent.

## Loitering:
if a subject moves within a pre-configured area, without demonstrating an apparent destination, an alarm is generated.

## Perimeter:
enables automatic detection of the entry or exit of a target in a specific area of the image, delimited by a manually defined frame. The system is able to discriminate between a vehicle and a person.
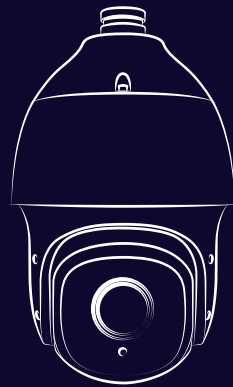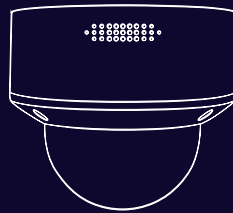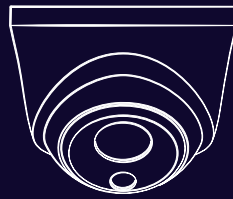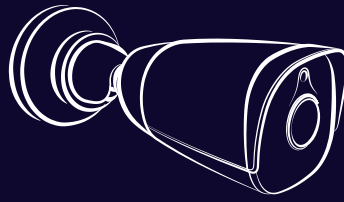
## Tripwire:
allows you to define a line within the shooting area. An alarm is triggered if this "boundary" is crossed in the configured direction. The system can distinguish between a vehicle and a person.

## Demographics (People Counting):
allows the counting of people entering or exiting a predefined area.

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