



New Definition of Perimeter Intrusion Detection

Dahua thermal mini hybrid cameras,
your efficient factory security guarder



All-weather Monitoring



Reliable Intelligence



Visual Pre-alarm

| Background

Factories in the suburbs are prone to intrusion, theft, vandalism, etc., which can result in irreversible property loss. An efficient warning system is crucial for security personnel to quickly detect suspicious or unauthorized individuals and vehicle before they ever reach the perimeter for early intervention.



| Pain Points

	Remote Location Factories are usually located far away from urban areas, which poses challenges in terms minimal lighting in its surrounding areas especially in bad weather. Conventional cameras cannot fully achieve 24/7 intrusion detection with the clear images.
	Poor Conditions Monitoring the perimeter of a factory can be affected by many external factors, such as harmless activity from small animals, fallen leaves, wind-blown foliage or bush, camouflaged targets, etc., which always cause false alarms in adverse weather conditions.
	Without Pre-alarm Traditional perimeter technology such as fiber optic cable sensor, active infrared intrusion detector, electric fencing etc., which cannot detect external threats in advance before they reach the perimeter of a site.
	Limited Coverage General visible light cameras have limited detection ranges and requires more devices to fulfill the complicated installation, increasing extra deployment expenses, especially for the sites without enough existing structures.

| What is Dahua 3rd Generation Entry-level Thermal Camera---Eureka Series?

After debut in 2017, Dahua entry-level thermal cameras has now iterated to the 3rd generation, which has successfully expanded the exterior of thermal imaging technology to SMB & Consumer markets, enabling a new user base to enjoy the beauty of the once high-end-only thermal imaging technology.

Eureka means 'find something', it also can reflects the concept of Dahua, exploring more possibilities with thermal imaging technology.



Thermal Imaging for Perimeter Protection

Thermal cameras can detect minute differences of heat signatures emitted from all objects, including the ground, people, car, animal, etc. So they can produce high-contrast images even in the complete darkness, rain, light fog, and smoke. When an intruder wants to break-in interior of sites, no one can escape the 'thermal eyes'.

Dahua Thermal Solution Values

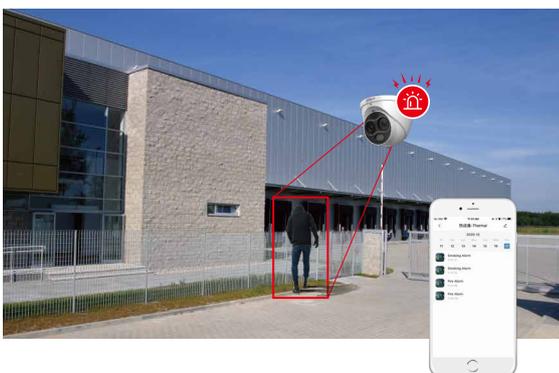


Higher Thermal Resolution

Eureka series are equipped with the dual-spectral module that delivers accurate and verified alarm. The 256×192 sensor's effective pixels improve 156% than other brands with 160×120. Needless to say, visible light stream also updates from 2MP to 4MP, ensuring clear images and higher performance.

Superior AI Performance

Benefit from Dahua powerful artificial intelligence strength, it has been comprehensively optimized with sharper, crisp, enhancing the differentiation between types of objects, interfering targets filtering, dim targets detection etc.



Smart Linkage

When an abnormal movement is detected, cameras can enable real-time audio response and white-light illumination to warn off suspicious targets, and alarm clips also can be for the subsequent verification. Push notifications will be sent to security personnel to quick response via email or Dahua mobile app.

Extending Security Scopes

All-in-one security solution designed to solve more pain points from the all kinds of sites. Dahua Eureka series feature more intelligent functions such as fire prevention for indoor warehouse, high-risk behavior smoking detection for public no-smoking area, call detection for petrol or gas station etc.



Recommended Products

DH-TPC-DF1241

Mini Hybrid Eyeball Camera

- Thermal resolution: 256×192
- Thermal lens: 2/3.5/7mm
- Visible resolution: 4MP
- Visible lens: 3/4/8mm



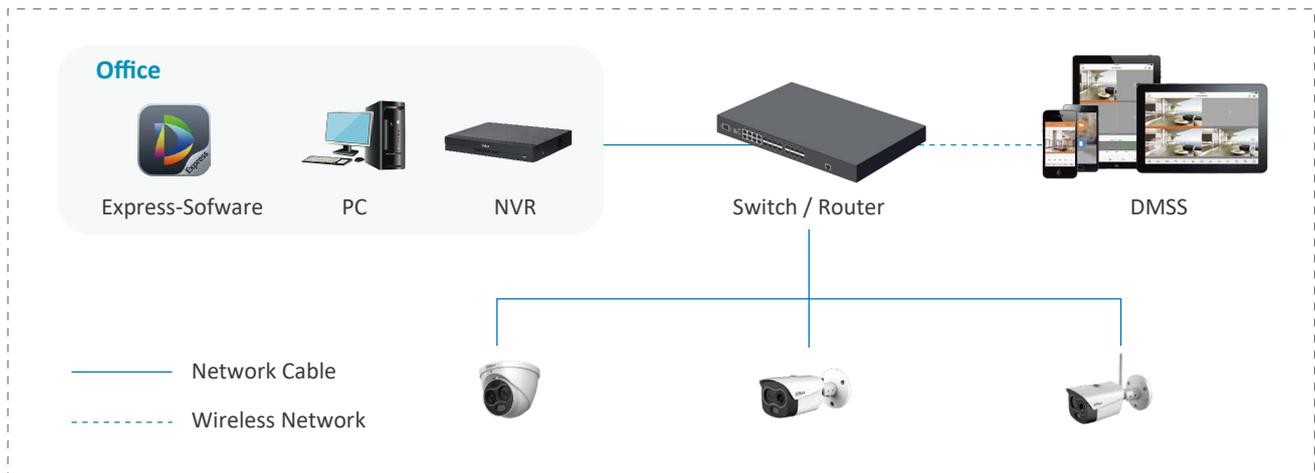
DH-TPC-BF1241 / DH-TPC-BF1241-WiFi

Mini Hybrid Bullet Camera

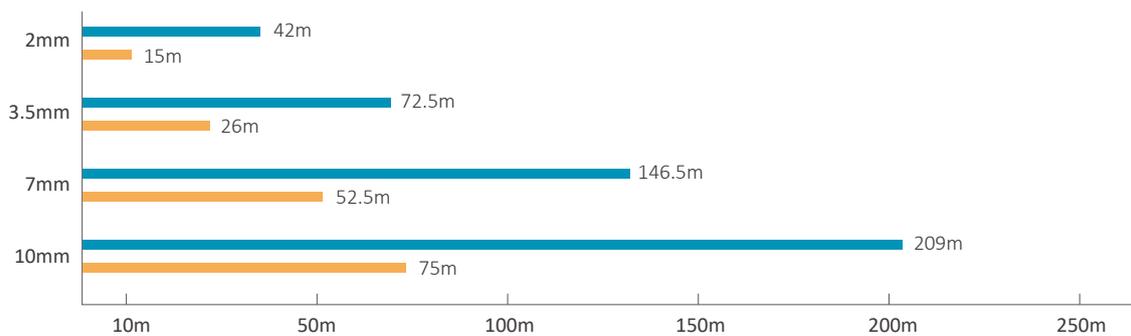
- Thermal resolution: 256×192
- Thermal lens: 3.5/7/10mm
- Visible resolution: 4MP
- Visible lens: 4/8/12mm
- Wi-Fi optional



Recommended Solution



Effective Coverage



Vehicle(4x1.4m)



Human(1.8x0.5m)

PS: the data is only used to reflect the maximum performance of the camera, and the performance of intelligence depends on the actual conditions on the site.

* Design and specifications are subject to change without notice.

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