

Round-the-clock perimeter protection

Dinion Infrared Imager

125
Years  Bosch
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BOSCH

Invented for life



Designed for critical infrastructure applications, the rugged Dinion Infrared Imager consistently delivers high-quality surveillance video in any lighting conditions. The Imager provides up to 160 meters (525 feet) of detection level surveillance and 120 meters (390 feet) of classification level imaging at night, making it ideal for installation along a fence or perimeter line.

Unparalleled picture quality

Poor lighting conditions can be a challenge for 24/7 perimeter surveillance. Bosch's 2X-Dynamic technology provides 20-bit processing and wide dynamic range sensors to deliver unmatched image quality in conditions ranging from harsh backlighting to deep shadows – day and night.

Conquer the darkness

Standard infrared illumination typically creates a hotspot that does not match the camera's coverage area. Bosch's exclusive 3D Diffuser technology provides even illumination across a scene – eliminating hotspot foregrounds, underexposed backgrounds and dark scene periphery.

While naturally occurring LED degradation will cause other aging infrared LEDs to produce less illumination output, Bosch's Constant Light technology delivers a consistent level of illumination performance throughout the life of the LED array, even in fluctuating temperatures.

Efficient network operation

Infrared illumination enables low-noise images that reduce bandwidth and storage requirements as much as 70 percent. Our tri-streaming feature also allows the camera to produce two independent H.264 streams for full frame rate recording and live viewing and one M-JPEG stream simultaneously. Built-in iSCSI support lets you stream direct to storage.

Easy installation

Choosing the right IR settings for your application can be difficult. Our new Variable Field Illumination gives total flexibility, allowing you to easily adjust the infrared intensity and beam pattern on-site to ensure that it matches the target coverage area.

A quick connect system between the camera and mount makes the Dinion Infrared Imager easy to install. The camera can be fully configured without exposure to the elements, and an integrated on-screen display with remote capability provides a single interface for controlling both infrared and camera functions.

Advanced intelligence

Need help detecting loitering, line crossing and other potential threats? Embedded Intelligent Video Analysis (IVA) processes video signals and alerts operators to potential security risks. IVA enables the Dinion IP Infrared Imager to function as a reliable, automated fence-line detection appliance.



Features	Benefits
120 meters (390 feet) of classification level images	Video-based threat detection and assessment
Variable Field Illumination	Field-adjustable infrared beam pattern and tilt Remote adjustment of intensity
2X-Dynamic technology with wide dynamic range	Maximum image detail in demanding lighting situations
Integrated junction box and external adjustment capabilities	Quick installation to minimize costs
Certified for the world's toughest environments	Reliable long-term performance
Tri-streaming	Viewing and recording at different quality levels
Support for PoE+	Power, control and stream images using a single cable
ONVIF conformant	Compatibility between manufacturers
Standard Intelligent Video Analysis	Transforms cameras into powerful automated detectors



Install and forget

The unit is weather-rated to IP 67 and NEMA4X for corrosion resistance, and tested to desert solar radiation conditions, shock and vibration. It is designed to stay securely in place even through hurricane-force winds.

Contact your local Bosch representative for a product demonstration.