



**BOSCH**

INSPIRED BY  
**IQSIGHT**



# DINION thermal 8100i

**See the Unseen**

## Advanced Thermal Imaging with Intelligent Video Analytics Pro (IVA Pro) Perimeter for Seamless Perimeter Security

Secure what matters with a solution that intelligently detects intruders over long distances and minimizes unwanted alarms. With the new DINION thermal 8100i you can trust that your perimeter is covered, even in low-visibility situations, such as smoke, fog, rain, or snow, and irrespective of lighting conditions.

The new thermal bullet camera features advanced thermal imaging with built-in IVA Pro Perimeter, detecting individuals who are moving, crawling, rolling, and camouflaged from nearly three football fields away, even in the most demanding conditions. IVA Pro Perimeter adds a neural network layer to minimize false alarms and setup time, so security operators are only alerted when needed, enabling more efficient use of resources.

# Get more from your thermal camera solution

### Unmatched Reliability

Experience peace of mind from security you don't have to second-guess. IVA Pro Perimeter detects and classifies objects accurately up to 590 m (1,935 ft) with industry-leading low false positive rates.

### Superior Thermal Detection

Leverage advanced thermal imaging that detects even the most subtle temperature differences thanks to advanced uncooled microbolometer / VOx thermal technology and large aperture optics. VGA and QVGA models offer wide-angle options to cover large areas effectively.

### Optimized Installation

Streamline your setup process with an intuitive three-step installation and Autocalibration feature that allows a single person to manage installation, reducing configuration complexity significantly.

### Comprehensive Situational Awareness

Achieve outstanding visibility with both VGA and QVGA models offering an expansive 80° field of view, providing security coverage for sensitive areas such as rooftops and remote locations.

### Reliable Surveillance in Any Environment

Count on the DINION thermal 8100i to withstand the harshest conditions. With its rugged design, IP66/IP67 ratings, shock-resistant NEMA TS-2, and corrosive-resistant ISO 14993, you can ensure continuous and dependable surveillance, regardless of weather. A Germanium window in VGA models protects the lens, providing a crystal-clear view.

### Uncompromising security and compliance

Take advantage of the camera's NDAA 889 and TAA compliance to enhance your competitive bids in the U.S. Additionally, we ensure strong cybersecurity with certifications such as IEC 62443-4-1 and UL 2900-2-3 Level 3. Our industry-leading Secure Element is certified to Common Criteria EAL6+, one of the highest internationally recognized assurance levels. It supports 4098-bit key encryption, providing robust protection against emerging threats.



## Product Ordering Information (CTN)

### QVGA models

Order number	Ordering information
NBT-8700-F03QF	Bullet thermal QVGA 3mm 80° 30Hz
NBT-8700-F05QF	Bullet thermal QVGA 5mm 46° 30Hz
NBT-8700-F09QF	Bullet thermal QVGA 9mm 24° 30Hz
NBT-8700-F18QF	Bullet thermal QVGA 18mm 12° 30Hz

### VGA models

Order number	Ordering information
NBT-8701-F06VF	Bullet thermal VGA 6mm 69° 30Hz
NBT-8701-F14VF	Bullet thermal VGA 14mm 30° 30Hz
NBT-8701-F25VF	Bullet thermal VGA 25mm 17° 30Hz
NBT-8701-F42VF	Bullet thermal VGA 42mm 10° 30Hz