

# DINION IP thermal 8000

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ Long detection range (up to 5850 m)
- ▶ Integrated Intelligent Video Analytics
- ▶ 640 x 480 resolution version available for even sharper images
- ▶ High access security for data protection

This thermal IP camera provides high-sensitivity thermal images using an un-cooled vanadium oxide microbolometer that delivers outstanding image quality. The camera is designed to combine the benefits of thermal imaging with the market leading Intelligent Video Analytics from Bosch. There is no need for natural or artificial lighting of the area of interest. The camera produces crisp and clear images day and night, even in challenging environments with smoke, dust, haze or fog.

### Versions

The camera comes with a choice of narrow field-of-view (NFOV) or wide field-of-view (WFOV) lenses. The QVGA resolution variant is available with a frame rate of 9 or 60 fps; the VGA resolution variant is available with a frame rate of 9 or 30 fps.

The camera is enclosed in a robust outdoor housing making it ideal for a wide range of applications in demanding environments.

### System overview

#### Range Performance

The following tables give the approximate range performance under ideal conditions of the various lenses for standard monitoring.

7.5 mm lens QVGA FoV: 41.8°H x 30°V	Human*	Object*
Detection	140 m (459 ft)	640 m (2100 ft)
Recognition	35 m (115 ft)	160 m (525 ft)
Identification	18 m (59 ft)	80 m (262 ft)
9 mm lens VGA FoV: 70°H x 52°V	Human	Object
Detection	155 m (509 ft)	700 m (2297 ft)
Recognition	40 m (131 ft)	175 m (574 ft)
Identification	20 m (66 ft)	88 m (289 ft)
16.7 mm lens VGA FoV: 37.5°H x 28°V	Human	Object
Detection	315 m (1033 ft)	1450 m (4757 ft)
Recognition	80 m (262 ft)	360 m (1181 ft)
Identification	40 m (131 ft)	180 m (591 ft)

**NHT-8001-F65VF DINION THERMAL, 30Hz, VGA, 65mm**

Thermal imaging IP camera

VGA

30 fps

65 mm lens

Order number **NHT-8001-F65VF**

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**Accessories**

**NHA-U-WMT Bracket housing for DINION thermal 8000**

Universal Wall Mount Bracket

Order number **NHA-U-WMT**

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**NDA-U-PMAL Pole mount adapter large**

Universal pole mount adapter, white; large

Order number **NDA-U-PMAL**

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**NDA-U-CMT Corner mount adapter**

Universal corner mount, white

Order number **NDA-U-CMT**

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