

# DINION IP starlight 8000 MP

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**BOSCH**  
Invented for life



- ▶ Remarkable low-light performance (0.0121 lx)
- ▶ 5MP (3K) high detail at fast speeds (30 fps)
- ▶ Built-in Intelligent Video Analytics to trigger relevant alerts and quickly retrieve data
- ▶ Low network strain and storage costs
- ▶ Outstanding wide dynamic range (97+16 dB)

The DINION IP starlight 8000 MP offers a new standard in round-the-clock video surveillance. Regardless of lighting conditions, time-of-day or object movement, the camera delivers relevant IP video 24/7. Capturing 16:9 images at 5 megapixel resolution (3K) even under extreme low-light conditions, it gives amazing images in fine detail. The camera produces multi-megapixel full-color video in near darkness, and delivers detailed monochrome images where other cameras show no image at all.

## System overview

Advanced image processing techniques take the DINION IP starlight 8000 MP to the next level. Intelligent Video Analysis tracks and focuses on relevant situations and adds sense and structure to stored video, allowing you to quickly retrieve the correct data. Intelligent Auto Exposure gives superb front and back light compensation, providing the perfect picture every time. Intelligent Dynamic Noise Reduction saves bitrate at the source and only uses bandwidth when needed. This results in up to 50% less bitrate which significantly reduces storage costs and network strain without compromising on video quality.

## Functions

### Exceptional low-light performance

The latest sensor technology, combined with the sophisticated noise suppression, results in a sensitivity of 0.0121 lx at full 5MP resolution in color and even 0.00825 lx at 1080p resolution. The low-light performance is so good that the camera continues to provide excellent color performance even with a minimum of ambient light.

### Measured dynamic range

The dynamic range of the camera is outstanding and is obvious in real-world performance comparisons – 97 dB wide dynamic range for 5MP mode (plus an extra 16 dB when combined with Intelligent Auto Exposure).

The actual dynamic range of the camera is measured using Opto-Electronic Conversion Function (OECF) analysis with a standardized test chart based on ISO standards. This method provides more realistic and verifiable results in comparison with the theoretical approximations sometimes used.

### Intelligent Video Analysis

After only 20 minutes you can miss 90% of the activity on a screen. Intelligent Video Analysis (IVA) assists by alerting you when predefined alarms are triggered. By smartly combining up to 8 IVA rules, complex tasks are made easy and false alarms are reduced to a minimum.

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**Accessories**
**Varifocal SR Megapixel Lens 4.1-9mm**

Varifocal SR megapixel IR corrected lens with 1/1.8" sensor and CS-mount  
Order number **LVF-5005C-S4109**

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**Varifocal Megapixel Lens 12.5-50mm**

Varifocal megapixel IR corrected lens with 1/1.8" sensor max and C-mount  
Order number **LVF-5005N-S1250**

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**Monitor/DVR Cable SMB 0.3M**

0.3 m (1 ft) analog cable, SMB (female) to BNC (female) to connect camera to coaxial cable  
Order number **NBN-MCSMB-03M**

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**Monitor/DVR Cable SMB 3.0M**

3 m (9 ft) analog cable, SMB (female) to BNC (male) to connect camera to monitor or DVR  
Order number **NBN-MCSMB-30M**

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**UPA-1220-60 Power Supply**

Power supply for camera. 100-240 VAC, 50/60 Hz In; 12 VDC, 1 A Out; regulated.  
Input connector: 2-prong, North American standard (non-polarized).  
Order number **UPA-1220-60**

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**UPA-1220-50 Power Supply**

Power supply for camera. 110-240 VAC, 50/60 Hz In; 12 VDC, 1 A Out; regulated.  
Input connector: 2-prong, European Europlug standard (4 mm / 19 mm).  
Order number **UPA-1220-50**

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**TC9210U Indoor Camera Mount**

A universal 6-inch wall/ceiling grid with off-white finish for 4.5 kg (10 lb) max load, incl. T-Bar ceiling clip and wall/ceiling mount flange.  
Order number **TC9210U**

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**UHO-HBGS-51 Outdoor Housing**

Outdoor housing for (230 VAC / 12 VDC) camera with 230 VAC power supply, blower and feed-through cabling.  
Order number **UHO-HBGS-51**

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**UHO-HBGS-61 Outdoor Housing**

Outdoor housing for (120 VAC / 12 VDC) camera. 120 VAC power supply; blower; feed-through cabling  
Order number **UHO-HBGS-61**

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**UHO-HBGS-11 Outdoor Housing**

Outdoor housing for (24 VAC / 12 VDC) camera with 24 VAC power supply, blower and feed-through cabling.  
Order number **UHO-HBGS-11**

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**UHO PoE Outdoor Camera Housing**

Outdoor camera housing with PoE+ power supply.  
Order number **UHO-POE-10**

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**LTC 9215/00 Mount**

Wall mount for camera housing, cable feed-through, 30 cm (12 in.)  
Order number **LTC 9215/00**

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**LTC 9215/00S Mount**

Wall mount for camera housing, cable feed-through, 18 cm (7 in.)  
Order number **LTC 9215/00S**

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**LTC 9219/01 Feed-through J-Mount**

J-mount for camera housing, 40 cm (15 in.)  
Order number **LTC 9219/01**

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**LTC 9210/01 Column Mount**

Feed-through column mount for 20 cm (8 in.), 9 kg (20 lb) maximum load. Light gray finish.  
Order number **LTC 9210/01**

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**LTC 9213/01 Pole Mount Adapter**

Flexible pole mount adapter for camera mounts (use together with the appropriate wall mount bracket). Max. 9 kg (20 lb); 3 to 15 inch diameter pole; stainless steel straps  
Order number **LTC 9213/01**

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**NPD-5001-POE Midspan PoE Injector**

Power-over-Ethernet midspan injector for use with PoE enabled cameras; 15.4 W, 1-port  
Weight: 200 g (0.44 lb)  
Order number **NPD-5001-POE**

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**NPD-5004-POE Midspan PoE Injector**

Power-over-Ethernet midspan injectors for use with PoE enabled cameras; 15.4 W, 4-ports  
Weight: 620 g (1.4 lb)  
Order number **NPD-5004-POE**

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**LVF-8008C-P0413 P-iris lens**

Varifocal megapixel lens; P-iris; CS-mount; 1/1.8" ; F1.5; 4-13mm  
Order number **LVF-8008C-P0413**

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