

## IP Video

### Fixed Cameras

►DINION IP 4000 HD



reddot award 2014  
winner



►DINION IP 5000 HD



reddot award 2014  
winner



►DINION IP 5000 MP



reddot award 2014  
winner



►DINION IP bullet 4000 HD



►DINION IP bullet 5000 HD



■ Available – Not available

Commercial Type Number		NBN-40012-xxx	NBN-50022-xxx	NBN-50051-xxx	NTI-40012-V3	NTI-50022-V3
Bosch USPs	intelligent Dynamic Noise Reduction (iDNR)	■	■	■	■	■
	intelligent Auto Exposure (iAE) / iDefog	-/■	-/■	-/-	-/-	-/-
	starlight (extreme low-light sensitivity)	-	-	-	-	-
	4K ultra HD	-	-	-	-	-
	Built-in Intelligent Video Analysis (IVA)	-	-	-	-	-
Basic features	Maximum resolution	HD 720p	HD 1080p	5MP	HD 720p	HD 1080p
	Image sensor type	1/2.7"	1/2.7"	1/3"	1/2.7"	1/2.7"
	Max. frames per second (fps)	30 fps@720p	30 fps@1080p	12 fps@ 5MP	30 fps@720p	30 fps@1080p
	Indoor / outdoor / in-vehicle	■/■ (with housing)/-	■/■ (with housing)/-	■/■ (with housing)/-	■/■/-	■/■/-
	Day/night	■	■	■	■	■
	Wide Dynamic Range (WDR)	76dB	76dB	81dB	76dB	76dB
	ONVIF conformant	■	■	■	■	■
	Built-in microphone	■	■	■	-	-
	Power over Ethernet (PoE)	■	■	■	■	■
	Advanced features	Compression (H.264 & MJPEG) / multi-streaming	■/4 streams	■/4 streams	■/4 streams	■/4 streams
Privacy masking		■	■	■	■	■
Region Of Interest tracking		-	-	-	-	-
Alarm triggering	Tamper detection	■	■	■	■	■
	Video motion detection	■	■	■	■	■
	Intelligent Video Analysis (IVA)	-	-	-	-	-
	Audio detection	■	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.25 lux	0.25 lux	0.35 lux	0.24 lux	0.24 lux
	Minimum illumination night mode (black / white)	0.05 lux	0.05 lux	0.05 lux	0 lux	0 lux
	Night vision	-	-	-	■ (infrared)	■ (infrared)
	Max. range at night	-	-	-	25 m (82 ft)	25 m (82 ft)
Lens	Automatic Back Focus (ABF)	-	-	-	-	-
	Automatic varifocal	-	-	-	-	-
	Focal length	3.3-12 mm (V3)/CS mount	3.3-12 mm (V3)/CS mount	3.3-12 mm (V3)/CS mount	3-10 mm	3-10 mm
	Horizontal Angle of View (HAoV)	34°-110° (V3)	34°-110° (V3)	25°-82° (V3)	36°-107°	36°-107°
DCRI distances	Detection / Classification / Recognition / Identification (Distances in m with 100 lux illumination)	22-100/11-52/8-35/3-14 (V3)	33-150/17-77/11-52/5-21 (V3)	74-272/31-113/8-29/7-27 (V3)	23-94/12-49/8-33/3-13	34-142/18-73/12-50/5-20
Storage	Memory card slot	■ Up to 2 TB	■ Up to 2 TB	■ Up to 2 TB	-	-
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1	1/1
	Audio in/out	■/■	■/■	■/■	■/■	■/■
	Hybrid* / confrontation monitor	-/■	-/■	-/■	-/-	-/-
Housing	Weather rating	-	-	-	IP66	IP66
	Vandal resistant	-	-	-	IK08	IK08
	Operating temperature	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)

\* The hybrid functionality offers an easy migration path from legacy CCTV to a modern IP-based system