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Invented for life

[Power to Predict explained >](#)

# Quick video product overview

December 2021

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 For full functionality open this overview in Adobe Acrobat Reader

# Fixed cameras

## Indoor

### Essential Video Analytics

**FLEXIDOME  
IP micro 3000i**



**NDV-3503-Fxx**  
Up to 5MP

**FLEXIDOME  
IP turret 3000i IR**



**NTV-350x-FxxL**  
Up to 5MP

**FLEXIDOME  
IP 4000i**



**NDI-4502-A**  
30 fps@1080p

**FLEXIDOME  
IP 4000i IR**



**NDI-4502-AL**  
30 fps@1080p, IR

**FLEXIDOME  
IP 5000i**



**NDI-5503-A**  
30 fps@5MP

**FLEXIDOME  
IP 5000i IR**



**NDI-5503-AL**  
30 fps@5MP, IR

**FLEXIDOME  
IP starlight 5000i**



**NDI-5502-A**  
60 fps@1080p

**FLEXIDOME  
IP starlight 5000i**



**NDI-5502-AL**  
60 fps@1080p

**DINION  
IP starlight 6000 HD**



**NBN-63013-B**  
60 fps@720p,  
starlight

**DINION  
IP starlight 6000 HD**



**NBN-63023-B**  
60 fps@1080p,  
starlight

**DINION  
IP starlight 7000 HD**



**NBN-73013-BA**  
60 fps@720p,  
starlight

**DINION  
IP starlight 7000 HD**



**NBN-73023-BA**  
60 fps@1080p,  
starlight

**DINION  
IP starlight 8000 MP**



**NBN-80052-BA**  
30 fps@5MP,  
starlight

**DINION  
IP ultra 8000 MP**



**NBN-80122-CA**  
30 fps@UHD

**FLEXIDOME  
IP panoramic  
7000 IC**



**NFN-70122-Fx(A)**  
30 fps@12MP,  
in-ceiling

**FLEXIDOME  
IP panoramic  
7000 MP**



**NIN-70122-Fx(A)**  
30 fps@12MP

**FLEXIDOME  
panoramic 5100i**



**NDS-5703-F360**  
30 fps@6MP

**FLEXIDOME  
panoramic 5100i**



**NDS-5704-F360**  
30 fps@12MP

**FLEXIDOME  
IP indoor 8000i**



**NDV-8502-R**  
1080p, HDR

**FLEXIDOME  
IP indoor 8000i**



**NDV-8503-R**  
6MP, HDR

**FLEXIDOME  
IP indoor 8000i**



**NDV-8504-R**  
4K UHD, HDR

**FLEXIDOME IP  
indoor 8000i**



**NDV-8502-RX**  
1080p, starlight X,  
HDR X

**FLEXIDOME  
IP indoor 8000i**



**NDV-8503-RX**  
4.1MP, starlight X,  
HDR X

# Fixed cameras

## Outdoor

### Essential Video Analytics

### Intelligent Video Analytics

<b>FLEXIDOME IP turret 3000i (outdoor)</b>  <b>NTE-3503-Fxx</b> Up to 5MP	<b>FLEXIDOME IP micro 3000i (outdoor)</b>  <b>NDE-3503-Fxx</b> Up to 5MP	<b>FLEXIDOME IP 3000i IR</b>  <b>NDE-3503-AL</b> Up to 5MP	<b>DINION IP 3000i IR</b>  <b>NBE-3503-AL</b> Up to 5MP	<b>FLEXIDOME IP starlight 7000 VR</b>  <b>NIN-73013-Axxx</b> 60 fps@720p, starlight	<b>FLEXIDOME IP starlight 7000 VR</b>  <b>NIN-73023-Axxx</b> 60 fps@1080p, starlight	<b>DINION IP thermal 8000</b>  <b>NHT-8001-F</b> VGA	<b>DINION IP thermal 8000</b>  <b>NHT-8000-F</b> QVGA	<b>FLEXIDOME IP starlight 8000i</b>  <b>NDE-8502-R(T)</b> 1080p, starlight, HDR	<b>FLEXIDOME IP starlight 8000i</b>  <b>NDE-8503-R(T)</b> 6MP, starlight, HDR
<b>FLEXIDOME IP panoramic 6000 (outdoor)</b>  <b>NDS-6004-FxxxE</b> 30 fps@12MP	<b>FLEXIDOME IP 4000i</b>  <b>NDE-4502-A</b> 30 fps@1080p	<b>FLEXIDOME IP 4000i IR</b>  <b>NDE-4502-AL</b> 30 fps@1080p, IR	<b>FLEXIDOME IP 5000i</b>  <b>NDE-5503-A</b> 30 fps@5MP	<b>FLEXIDOME IP starlight 8000i</b>  <b>NDE-8504-R(T)</b> 4K UHD, starlight, HDR	<b>FLEXIDOME IP starlight 8000i</b>  <b>NDE-8502-RX(T)</b> 1080p HDR X, starlight X	<b>FLEXIDOME IP starlight 8000i</b>  <b>NDE-8503-RX(T)</b> 4MP HDR X, starlight X	<b>DINION IP imager 9000 HD</b>  <b>NAI-90022-AAA</b> 30 fps@1080p	<b>FLEXIDOME IP panoramic 7000 (outdoor)</b>  <b>NDS-7004-FxxxE</b> 30 fps@12MP	<b>FLEXIDOME panoramic 5100i IR</b>  <b>NDS-5703-F360LE</b> 30 fps@6MP
<b>FLEXIDOME IP 5000i IR</b>  <b>NDE-5503-AL</b> 30 fps@5MP, IR	<b>FLEXIDOME IP starlight 5000i IR</b>  <b>NDE-5502-A</b> 60 fps@1080p	<b>FLEXIDOME IP starlight 5000i IR</b>  <b>NDE-5502-AL</b> 60 fps@1080p, IR	<b>DINION IP 4000i IR</b>  <b>NBE-4502-AL</b> 30 fps@1080p	<b>FLEXIDOME panoramic 5100i IR</b>  <b>NDS-5704-F360LE</b> 30 fps@12MP	<b>FLEXIDOME multi 7000i</b>  <b>NDM-7702-A</b> 30 fps@4x 3MP	<b>FLEXIDOME multi 7000i</b>  <b>NDM-7703-A</b> 30 fps@4x 5MP	<b>FLEXIDOME multi 7000i IR</b>  <b>NDM-7702-AL</b> 30 fps@4x 3MP	<b>FLEXIDOME multi 7000i IR</b>  <b>NDM-7703-AL</b> 30 fps@4x 5MP	<b>FLEXIDOME intex 7100i IR</b>  <b>NDE-7604-AL</b> 8MP
<b>DINION IP 5000i IR</b>  <b>NBE-5503-AL</b> 30 fps@5MP	<b>DINION IP starlight 6000i IR</b>  <b>NBE-6502-AL</b> 60 fps@1080p, starlight	<b>FLEXIDOME IP starlight 6000 VR</b>  <b>NIN-63013-Axxx</b> 60 fps@720p	<b>FLEXIDOME IP starlight 6000 VR</b>  <b>NIN-63023-Axxx</b> 60 fps@1080p, starlight	<b>FLEXIDOME intex 7100i IR</b>  <b>NDE-7604-AL-OC</b> 8MP, Traffic Detector	<b>DINION intex 7100i IR</b>  <b>NBE-7604-AL</b> 8MP	<b>DINION intex 7100i IR</b>  <b>NBE-7604-AL-OC</b> 8MP, Traffic Detector			



# Moving cameras

## Indoor

## Outdoor

## Extreme outdoor

### Essential Video Analytics

### Intelligent Video Analytics

### Essential Video Analytics

### Intelligent Video Analytics

### Optical

### Optical & Thermal

**AUTODOME IP 4000i**



**NDP-4502-Z12**  
60 fps@1080p

**AUTODOME IP 4000i**



**NDP-4502-Z12C**  
in-ceiling,  
60 fps@1080p,  
12x zoom

**AUTODOME IP starlight 7000i**



**NDP-7512-Z30Cx**  
in-ceiling,  
30 fps@1080p,  
starlight

**AUTODOME IP starlight 5000i**



**NDP-5512-Z30**  
60 fps@1080p,  
starlight

**AUTODOME IP starlight 5000i IR**



**NDP-5512-Z30L**  
60 fps@1080p,  
starlight, IR

**AUTODOME IP starlight 7000i**



**NDP-7512-Z30**  
30 fps@1080p,  
starlight

**MIC IP starlight 7100i**



**MIC-7522-Z30x**  
60 fps@1080p,  
starlight, 30x  
zoom, Intelligent  
Video Analytics

**MIC IP ultra 7100i**



**MIC-7505-Z12xR**  
30 fps@4K UHD,  
12x zoom, Intelligent  
Video Analytics

**MIC inteox 7100i**



**MIC-7602-Z30x**  
30 fps@1080p,  
30x, Intelligent Video  
Analytics

**MIC IP fusion 9000i**



**MIC-9502-Z30xxx**  
60 fps@1080p,  
fusion, Intelligent  
Video Analytics

**AUTODOME IP starlight 5000i**



**NDP-5512-Z30C**  
in-ceiling,  
60 fps@1080p,  
starlight

**AUTODOME IP starlight 5100i**



**NDP-5523-Z20C**  
in-ceiling,  
60 fps@4MP,  
starlight, HDR X

**NDP-7602-Z30Cx**



**NDE-4502-A**  
In-ceiling,  
30 fps@1080p,  
starlight

**AUTODOME IP starlight 5100i**



**NDP-5523-Z20**  
60 fps@4MP,  
starlight,  
HDR X

**AUTODOME IP starlight 5100i IR**



**NDP-5523-Z30L**  
60 fps@4MP,  
starlight,  
IR, HDR X

**AUTODOME inteox 7000i**



**NDP-7602-Z30x**  
30 fps@1080p,  
starlight

**MIC inteox 7100i**



**MIC-7602-Z30xx**  
30 fps@1080p, 30x,  
Enhanced version,  
Intelligent Video  
Analytics

**MIC inteox 7100i**



**MIC-7604-Z12xx**  
Intelligent Video  
Analytics

**MIC inteox 7100i**



**MIC-7604-Z12xx-OC**  
30 fps@UHD, 12x,  
Traffic Detector

**AUTODOME inteox 7000i**



**NDP-7602-Z30x-OC**  
30 fps@1080p,  
starlight, Traffic  
Detector

**MIC inteox 7100i**



**MIC-7602-Z30x-OC**  
30 fps@1080p, 30x,  
starlight, Traffic  
Detector

# IP 3000i cameras

## Extend smart security to general surveillance applications

Extend smart video surveillance to general security applications with the IP 3000i cameras. Built for high-quality images, 24/7 performance, with easy installation and built-in intelligence as standard.



**FLEXIDOME IP micro 3000i**

**FLEXIDOME IP 3000i IR**

**FLEXIDOME IP turret 3000i IR**

**DINION IP 3000i IR**

### More about

Data security

IP 3000i cameras



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### Specifications

	1080p	5MP	H.265	AVF	120dB	↔	fps ≤ 30	IR Meter
FLEXIDOME IP micro 3000i indoor	●	●	●	●	●	●	●	
FLEXIDOME IP micro 3000i outdoor	●	●	●	●	●	●	●	
FLEXIDOME IP 3000i IR	●	●	●	●	●	●	●	30
FLEXIDOME IP turret 3000i indoor	●	●	●	●	●	●	●	15
FLEXIDOME IP turret 3000i outdoor	●	●	●	●	●	●	●	15
DINION IP 3000i IR	●	●	●	●	●	●	●	30

### Essential Video Analytics



Alerts when needed



Quickly retrieve correct data



Enforcing health and safety regulations

### Applications



Retail stores



General surveillance in offices and commercial buildings



Administrative offices within a bank

### All outdoor models have



High impacts

IK10



Withstands challenging weather conditions

IP66

### Installation made simple



Mounting and cabling in three easy steps



No "pigtail": increased protection against water ingress



Compatible with modular accessories (FLEXIDOME IP 3000i IR)

• Ease of installation • Data security • Bitrate reduction ≤80%



# Fixed IP 4000i, 5000i and 6000i cameras

## Professional video surveillance for everyone

The IP 4000i, IP 5000i and IP 6000i cameras offer a complete portfolio with fixed dome, box and bullet cameras suited to many applications. Indoor or outdoor, day or night, discreet or obtrusive surveillance.

FLEXIDOME (fixed dome)



IP 4000i (IR) indoor  
IP 5000i (IR) indoor  
IP starlight 5000i (IR)

FLEXIDOME (fixed dome)



IP 4000i (IR) outdoor  
IP 5000i (IR) outdoor  
IP starlight 5000i (IR)

FLEXIDOME (fixed dome)



IP 6000

DINION (bullet)



IP 4000i IR  
IP 5000i IR  
IP starlight 6000i IR

DINION (box)



IP 6000

### More about

Data security

FLEXIDOME IP 5000i cameras



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### Specifications



Model	Indoor	Outdoor	Range (m)	Resolution	Frame Rate	dB	Starlight
FLEXIDOME IP 4000i (IR)	●	●	≤30 m	●	30 fps	90dB	
FLEXIDOME IP 5000i (IR)	●	●	≤30 m		30 fps	120dB	
FLEXIDOME IP starlight 5000i (IR)	●	●	≤45 m	●	60 fps	146dB	●
FLEXIDOME IP starlight 6000 VR	●	●		●	60 fps	120dB	●
DINION IP 4000i IR	●	●	≤60 m	●	30 fps	84dB	
DINION IP 5000i IR	●	●	≤50 m		30 fps	120dB	
DINION IP starlight 6000i IR	●	●	≤60 m	●	60 fps	146dB	●
DINION IP starlight 6000 HD	●	●		●	60 fps	120dB	●

\* Depends on model

### Essential Video Analytics



Alerts when needed



Quickly retrieve correct data



People counting



Queuing alarm



Enforcing health and safety regulations



Vandal resistant



Weather resistant

• Ease of installation • Data security • Bitrate reduction ≤80%

Model	IK Rating	Weather Rating
FLEXIDOME IP 4000i (IR)	IK04 / IK10	IP66
FLEXIDOME IP 5000i (IR)	IK04 / IK10	IP66
FLEXIDOME IP starlight 5000i (IR)	IK10	IP66
FLEXIDOME IP starlight 6000 VR	IK10	IP66
DINION IP 4000i IR	IK10	IP67
DINION IP 5000i IR	IK10	IP67
DINION IP starlight 6000i IR	IK10	IP67
DINION IP starlight 6000 HD	-	-



# FLEXIDOME panoramic 5100i (IR)

## A 360-degree overview in a single image without blind spots

The new FLEXIDOME panoramic 5100i cameras combine built-in Artificial Intelligence with a 360-degree overview in a single image without blind spots. They are prepared for audio analytics with a built-in microphone array that captures audio from any direction.



**FLEXIDOME panoramic 5100i**



**FLEXIDOME panoramic 5100i IR**

### More about

Data security

Panoramic cameras



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### Specifications

FLEXIDOME panoramic 5100i						
NDS-5703-F360	6MP (2110x2110)	30 fps			●	-10° to 45° C (-14° to 113° F)
NDS-5704-F360	12MP (3008x3008)	30 fps			●	-10° to 45° C (-14° to 113° F)
FLEXIDOME panoramic 5100i IR						
NDS-5703-F360LE	6MP (2110x2110)	30 fps	●	20 m / 66 ft	●	● -40° to 55° C (-40° to 131° F)
NDS-5704-F360LE	12MP (3008x3008)	30 fps	●	20 m / 66 ft	●	● -40° to 55° C (-40° to 131° F)

### Installation made simple



Twist and click for indoor models



Mounting and cabling in three easy steps for outdoor models



Unified set of accessories



HDMI

### Built-in Artificial Intelligence

with Intelligent Video Analytics and Camera Trainer, prepared for audio analytics



Extremely reliable in various environments



Machine learning functionality



Integrated microphone array for audio analytics and localization

### Excellent imaging



Stereographic lens



120 dB

### Data security



Built-in Secure Element with TPM functionality



Supports RSA encryption key lengths of up to 4096 bits

Bitrate reduction ≤80%



# FLEXIDOME IP panoramic 6000 and 7000 cameras

## A 360 degree overview in a single image

The ability to see everything in a single image is a major benefit. Blind spots can seriously undermine the reliability of your video surveillance solution. With FLEXIDOME IP panoramic 6000 and 7000 cameras, you never have to miss a single thing.



IP panoramic 6000 and 7000



FLEXIDOME IP panoramic 6000 and 7000 outdoor

More about

Data security



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### Specifications

	→	In-ceiling	←	12MP	Essential Video Analytics	Intelligent Video Analytics	fps	dB	Eye	X	IK10	IP66
FLEXIDOME IP panoramic 6000 (outdoor)												
NDS-6004-F180E	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●	●	●
NDS-6004-F360E	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●	●	●
FLEXIDOME IP panoramic 7000 (outdoor)												
NDS-7004-F180E	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●	●	●
NDS-7004-F360E	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●	●	●
FLEXIDOME IP panoramic 7000 IC												
NFN-70122-F1A	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●		
NFN-70122-F0A	●	●	●	●	●	●	30 fps	92 (+16db IAE)	●	●		
FLEXIDOME IP panoramic 7000 MP												
NIN-70122-Fxxx	●			●	●*	●*	30 fps	92 (+16db IAE)	●	●		

\* Depends on model

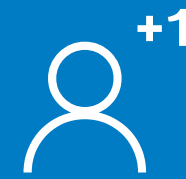
### Built-in Artificial Intelligence with Intelligent Video Analytics



Alerts only when needed



Quickly retrieve correct data



People counting

• Ease of installation • Data security • Bitrate reduction ≤80%

### Oversee everything

Both models offer a 180-degree or 360-degree overview



180-degree view



360-degree view





# FLEXIDOME IP indoor 8000i

## Highest level of detail

The FLEXIDOME IP indoor 8000i series of fixed dome cameras allow users to rely on the highest levels of security for mission critical indoor applications thanks to its high resolution and excellent High Dynamic Range capabilities, combined with built-in Artificial Intelligence. Lastly, ease of installation is guaranteed with built-in motorized PTRZ.



FLEXIDOME IP indoor 8000i

### More about

Data security

FLEXIDOME IP indoor 8000i

starlight X and HDR X



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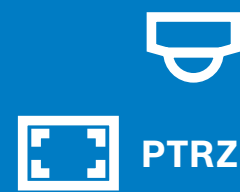
### Specifications

FLEXIDOME IP indoor 8000i						
NDV-8502-R	HD 1080p 1/2.8" sensor	●	60 fps	HDR	starlight	●
NDV-8503-R	6MP 1/1.8" sensor	●	30 fps	HDR	starlight	●
NDV-8504-R	4K UHD 1/1.8" sensor	●	30 fps	HDR	starlight	●
FLEXIDOME IP indoor 8000i - X series						
NDV-8502-RX	HD 1080p 1/1.8" sensor	●	60 fps	HDR X	starlight X	●
NDV-8503-RX	4.1MP 1/1.8" sensor	●	60 fps	HDR X	starlight X	●

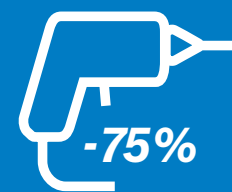
### Time saving installation



Unified set of accessories



Remote commissioning



Reduced installation time with two-step installation process

### Built-in Artificial Intelligence

with Intelligent Video Analytics and Camera Trainer



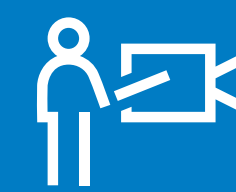
Alerts only when needed



Quickly retrieve correct data with forensic search



Object classification



Camera Trainer functionality

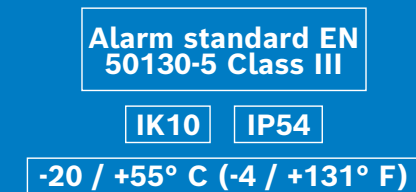


Detection over large distances

### Housing



High impacts



Certified to ensure robustness

• Ease of installation • Data security • Bitrate reduction ≤80%



# IP 3000i cameras

## Extend smart security to general surveillance applications

Extend smart video surveillance to general security applications with the IP 3000i cameras. Built for high-quality images, 24/7 performance, with easy installation and built-in intelligence as standard.



**FLEXIDOME IP micro 3000i**

**FLEXIDOME IP 3000i IR**

**FLEXIDOME IP turret 3000i IR**

**DINION IP 3000i IR**

### More about

Data security



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### Specifications

	1080p	5MP	H.265	AVF	120dB	↔	fps ≤ 30	IR Meter
FLEXIDOME IP micro 3000i indoor	●	●	●	●	●	●	●	●
FLEXIDOME IP micro 3000i outdoor	●	●	●	●	●	●	●	●
FLEXIDOME IP 3000i IR	●	●	●	●	●	●	●	30
FLEXIDOME IP turret 3000i indoor	●	●	●	●	●	●	●	15
FLEXIDOME IP turret 3000i outdoor	●	●	●	●	●	●	●	15
DINION IP 3000i IR	●	●	●	●	●	●	●	30

### Essential Video Analytics



Alerts when needed



Quickly retrieve correct data



Enforcing health and safety regulations

### Applications



Retail stores



General surveillance in offices and commercial buildings



Administrative offices within a bank

### All outdoor models have



High impacts

IK10



Withstands challenging weather conditions

IP66

### Installation made simple



Mounting and cabling in three easy steps



No "pigtail": increased protection against water ingress



Compatible with modular accessories (FLEXIDOME IP 3000i IR)

• Ease of installation • Data security • Bitrate reduction ≤80%



# Fixed IP 4000i, 5000i and 6000i cameras

## Professional video surveillance for everyone

The IP 4000i, IP 5000i and IP 6000i cameras offer a complete portfolio with fixed dome, box and bullet cameras suited to many applications. Indoor or outdoor, day or night, discreet or obtrusive surveillance.

FLEXIDOME (fixed dome)



IP 4000i (IR) indoor  
IP 5000i (IR) indoor  
IP starlight 5000i (IR)

FLEXIDOME (fixed dome)



IP 4000i (IR) outdoor  
IP 5000i (IR) outdoor  
IP starlight 5000i (IR)

FLEXIDOME (fixed dome)



IP 6000

DINION (bullet)



IP 4000i IR  
IP 5000i IR  
IP starlight 6000i IR

DINION (box)



IP 6000

### Essential Video Analytics



Alerts when needed



Quickly retrieve correct data



People counting



Queuing alarm



Enforcing health and safety regulations



Vandal resistant



Weather resistant

• Ease of installation • Data security • Bitrate reduction ≤80%

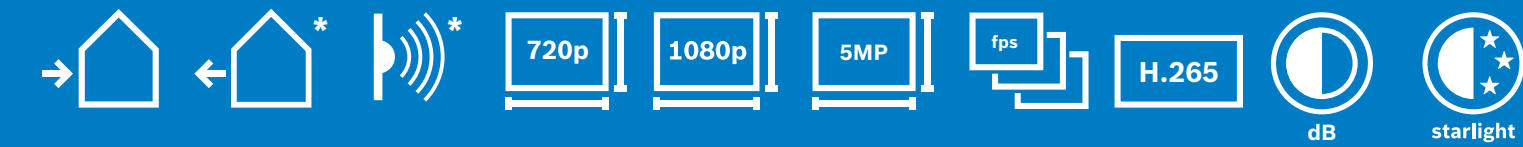
### More about

Data security



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Invented for life

### Specifications



Model	Home	Home*	Signal*	720p	1080p	5MP	fps	H.265	dB	starlight
FLEXIDOME IP 4000i (IR)	●	●	≤30 m		●		30 fps	●	90dB	
FLEXIDOME IP 5000i (IR)	●	●	≤30 m			●	30 fps	●	120dB	
FLEXIDOME IP starlight 5000i (IR)	●	●	≤45 m		●	●	60 fps	●	146dB	●
FLEXIDOME IP starlight 6000 VR	●	●		●	●		60 fps		120dB	●
DINION IP 4000i IR	●	●	≤60 m		●		30 fps	●	84dB	
DINION IP 5000i IR	●	●	≤50 m			●	30 fps	●	120dB	
DINION IP starlight 6000i IR	●	●	≤60 m		●		60 fps	●	146dB	●
DINION IP starlight 6000 HD	●	●		●	●		60 fps		120dB	●

\* Depends on model

Model	IK04 / IK10	IK04 / IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10
FLEXIDOME IP 4000i (IR)	IK04 / IK10	IK04 / IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10
FLEXIDOME IP 5000i (IR)	IP66	IP66	IP66	IP66	IP67	IP67	IP67	IP67	IP67
FLEXIDOME IP starlight 5000i (IR)									
FLEXIDOME IP starlight 6000 VR									
DINION IP 4000i IR									
DINION IP 5000i IR									
DINION IP starlight 6000i IR									
DINION IP starlight 6000 HD									



# FLEXIDOME IP starlight 8000i

## Highest level of detail

The FLEXIDOME IP starlight 8000i series of fixed dome cameras allows users to rely on the highest levels of security for mission critical applications thanks to its high resolution imaging with starlight technology and excellent High Dynamic Range capabilities, combined with built-in Artificial Intelligence and a robust housing.

### More about

Data security

FLEXIDOME IP starlight 8000i

starlight X and HDR X



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FLEXIDOME IP starlight 8000i

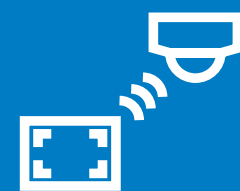
### Specifications

FLEXIDOME IP starlight 8000i	HD	Lens	fps	dB	starlight
NDE-8502-R(T)	HD 1080p 1/2.8" sensor	3.9 mm / 10-23 mm (T)	60 fps	HDR	starlight
NDE-8503-R(T)	6MP 1/1.8" sensor	3.9-10 mm / 12-40 mm (T)	30 fps	HDR	starlight
NDE-8504-R(T)	4K UHD 1/1.8" sensor	3.9-10 mm / 12-40 mm (T)	30 fps	HDR	starlight
FLEXIDOME IP starlight 8000i - X series					
NDE-8502-RX(T)	HD 1080p 1/1.8" sensor	4.4-10 mm / 12-40 mm (T)	60 fps	HDR X	starlight X
NDE-8503-RX(T)	4.1MP 1/1.8" sensor	4.4-10 mm / 12-40 mm (T)	60 fps	HDR X	starlight X

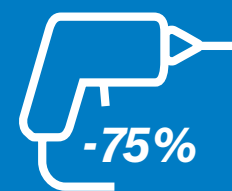
### Time saving installation



Unified set of accessories



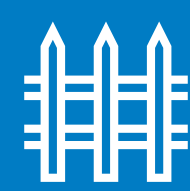
Remote commissioning with the camera's built-in wireless



Reduced installation time

### Built-in Artificial Intelligence

with Intelligent Video Analytics and Camera Trainer



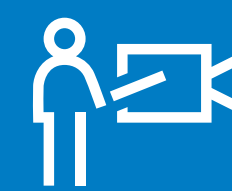
Perimeter protection



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Camera Trainer functionality



Video content analysis over large distances

### Housing



High impacts

IP6K9K NEMA-4X  
IK10+ NEMA TS2  
IEC 60068-2-52  
Corrosion 56 days  
Surge Protection  
-50 / +60°C (-58 / +140°F)

Certified to ensure robustness



Withstands challenging weather conditions

• Ease of installation • Data security • Bitrate reduction ≤80%



# FLEXIDOME panoramic 5100i (IR)

## A 360-degree overview in a single image without blind spots

The new FLEXIDOME panoramic 5100i cameras combine built-in Artificial Intelligence with a 360-degree overview in a single image without blind spots. They are prepared for audio analytics with a built-in microphone array that captures audio from any direction.



**FLEXIDOME panoramic 5100i**



**FLEXIDOME panoramic 5100i IR**

### More about

Data security



**BOSCH**  
Invented for life

### Specifications

			Audio I/O, Alarm I/O				
FLEXIDOME panoramic 5100i							
NDS-5703-F360	6MP (2110x2110)	30 fps			●		-10° to 45° C (-14° to 113° F)
NDS-5704-F360	12MP (3008x3008)	30 fps			●		-10° to 45° C (-14° to 113° F)
FLEXIDOME panoramic 5100i IR							
NDS-5703-F360LE	6MP (2110x2110)	30 fps	●	20 m / 66 ft	●	●	-40° to 55° C (-40° to 131° F)
NDS-5704-F360LE	12MP (3008x3008)	30 fps	●	20 m / 66 ft	●	●	-40° to 55° C (-40° to 131° F)

### Installation made simple



Twist and click for indoor models



Mounting and cabling in three easy steps for outdoor models



Unified set of accessories



HDMI

### Built-in Artificial Intelligence

with Intelligent Video Analytics and Camera Trainer, prepared for audio analytics



Extremely reliable in various environments



Machine learning functionality



Integrated microphone array for audio analytics and localization

### Excellent imaging



Stereographic lens



120 dB

### Data security



Built-in Secure Element with TPM functionality



Supports RSA encryption key lengths of up to 4096 bits

Bitrate reduction ≤80%



# FLEXIDOME IP panoramic 6000 and 7000 cameras

## A 360 degree overview in a single image

The ability to see everything in a single image is a major benefit. Blind spots can seriously undermine the reliability of your video surveillance solution. With FLEXIDOME IP panoramic 6000 and 7000 cameras, you never have to miss a single thing.



IP panoramic  
6000 and 7000



FLEXIDOME IP panoramic  
6000 and 7000 outdoor

More about

Data security



**BOSCH**  
Invented for life

### Specifications

	→	In-ceiling	←	12MP	Essential Video Analytics	Intelligent Video Analytics	fps	dB	Eye	X	IK10	IP66
FLEXIDOME IP panoramic 6000 (outdoor)												
NDS-6004-F180E		●		●	●		30 fps	92 (+16db IAE)	●	●	●	●
NDS-6004-F360E		●		●	●		30 fps	92 (+16db IAE)	●	●	●	●
FLEXIDOME IP panoramic 7000 (outdoor)												
NDS-7004-F180E		●		●		●	30 fps	92 (+16db IAE)	●	●	●	●
NDS-7004-F360E		●		●		●	30 fps	92 (+16db IAE)	●	●	●	●
FLEXIDOME IP panoramic 7000 IC												
NFN-70122-F1A	●	●		●		●	30 fps	92 (+16db IAE)	●	●		
NFN-70122-F0A	●	●		●		●	30 fps	92 (+16db IAE)	●	●		
FLEXIDOME IP panoramic 7000 MP												
NIN-70122-Fxxx	●			●	●*	●*	30 fps	92 (+16db IAE)	●	●		

\* Depends on model

### Built-in Artificial Intelligence with Intelligent Video Analytics



Alerts only when needed



Quickly retrieve correct data



People counting

• Ease of installation • Data security • Bitrate reduction ≤80%

### Oversee everything

Both models offer a 180-degree or 360-degree overview



180-degree view



360-degree view



# FLEXIDOME multi 7000i

## A multi-directional overview offering highly detailed insights

FLEXIDOME multi 7000i (IR) multi-directional cameras offer up to a 360 degree overview with highly detailed insights thanks to four built-in imagers with built-in Artificial Intelligence.



**FLEXIDOME multi 7000i**



**FLEXIDOME multi 7000i IR**

### More about

Data security

FLEXIDOME multi 7000i



**BOSCH**  
Invented for life

### Specifications

	12MP 4 x 3MP	20MP 4 x 5MP	AVF	120dB	fps	IR	Temperature
FLEXIDOME multi 7000i NDM-7702-A	●		●	●	30	●	-40° to +55°
FLEXIDOME multi 7000i NDM-7703-A		●	●	●	30	●	-40° to +55°
FLEXIDOME multi 7000i IR NDM-7702-AL	●		●	●	30	30 m - 360°	● -40° to +55°
FLEXIDOME multi 7000i IR NDM-7703-AL		●	●	●	30	30 m - 360°	● -40° to +55°

### Built-in Artificial Intelligence

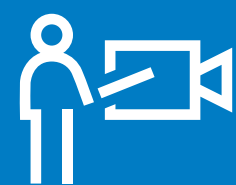
With Intelligent Video Analytics and Camera Trainer on each imager



Perimeter protection



Video analytics extremely resistant against shaking



Camera Trainer functionality



Alerts when needed



Quickly retrieve correct data

### Applications



Retail stores

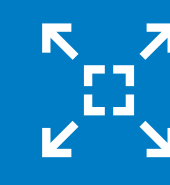


Intersection



Rail stations

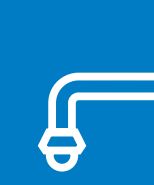
### Installation made simple



4 cameras, 1 cable



1 IP address



Compatible with modular accessories



Wireless WiFi dongle connection via USB (Available mid 2021)



Project Assistant



Remote Portal

• Ease of installation • Data security



# FLEXIDOME and DINION inteox cameras

## Unlimited starts here

### More about

Data security

Inteox cameras



**BOSCH**  
Invented for life



**FLEXIDOME inteox 7100i IR**

**DINION inteox 7100i IR**

Models with Traffic Detector based on deep neural network available (OC)

Add software apps afterwards securely

### Specifications



Model	Home	H.265	IR	4K UHD	fps	dB	Bosch certified sw	3rd party apps*	Brain
FLEXIDOME inteox 7100i IR	●	●	40 m	●	30 fps	85dB	●	●	Intelligent Video Analytics
DINION inteox 7100i IR	●	●	40 m	●	30 fps	85dB	●	●	Intelligent Video Analytics
FLEXIDOME inteox 7100i OC	●	●	40 m	●	30 fps	85dB	Traffic Detector	●	Intelligent Video Analytics
DINION inteox 7100i IR OC	●	●	40 m	●	30 fps	85dB	Traffic Detector	●	Intelligent Video Analytics

\* Available via Azena Application Store

### Built-in Artificial Intelligence with Intelligent Video Analytics



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Video content analysis over large distances

### Use Intelligent Video Analytics to build your own software applications



Analyze valuable data, use it in a wide variety



Build applications by using 16 built-in Video Analytics algorithms



Build applications with Camera Trainer technology

### Housing



High impacts  
**IK10**



Withstands challenging weather conditions

**IP66** **NEMA-4X**

-40° to +55° C





# Thermal and infrared cameras

## Ensure early detection over large distances

### More about

Data security

DINION IP thermal 8000



**BOSCH**  
Invented for life



DINION IP thermal 8000



DINION IP imager 9000 HD

### Specifications

	Thermal	Infrared	1080p	fps	QVGA	VGA	IK10	IP66
DINION IP thermal 8000	●	●		Up to 60 fps	●*	●*		●
DINION IP imager 9000 HD	●	●	●	30 fps			●	●

\* Depends on model

### Relevant thermal images

\*DINION IP thermal 8000 only



In situations with smoke/dust



In complete darkness



Even when obscured by foliage

### Built-in Artificial Intelligence with Intelligent Video Analytics



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Ensure early detection over large distances (2000 ft)

### Mission critical applications



Perimeter protection



Traffic monitoring



Ship tracking

• Ease of installation • Data security • Bitrate reduction ≤80%



# Fixed IP 7000 and 8000 cameras

## Making darkness visible

More about

Data security



**BOSCH**  
Invented for life



**FLEXIDOME IP  
starlight 7000 VR**



**DINION IP  
starlight 7000 HD**



**DINION IP  
starlight 8000 MP**



**DINION IP  
ultra 8000 MP**

### Specifications

	↔	↔	720p	1080p	5MP	4K UHD	fps	dB	starlight
FLEXIDOME IP starlight 7000 VR									
NIN-73013-Axxx	●	●	●				60 fps	120dB	●
NIN-73023-Axxx	●	●		●			60 fps	120dB	●
DINION IP starlight 7000 HD									
NBN-73013-BA *	●	●	●				60 fps	120dB	●
NBN-73023-BA *	●	●		●			60 fps	120dB	●
DINION IP starlight 8000 MP									
NBN-80052-BA *	●	●			●		30 fps	97dB	●
DINION IP ultra 8000 MP									
NBN-80122-CA *	●	●				●	20fps	92dB	

\* Lens not included

### Built-in Artificial Intelligence with Intelligent Video Analytics



Alerts when needed



Video Analytics extremely resistant against shaking



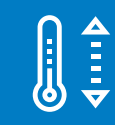
Perimeter protection



Quickly retrieve correct data



Vandal resistant



Weather resistant

	FLEXIDOME IP starlight 7000 VR	DINION IP starlight 7000 HD	DINION IP starlight 8000 MP	DINION IP ultra 8000 MP
IK10		Depends on optional housing	-	-
IP66 and NEMA type 4X		Depends on optional housing	-	-



# AUTODOME IP

## Locate, track and zoom

AUTODOME moving cameras give the ability to locate, track and zoom in on objects quickly and easily with high quality that can be trusted. Moreover, they allow video security to become predictive by capturing data that can do more for business than security alone.

### More about

Data security

AUTODOME IP cameras

AUTODOME IP starlight 5100i IR

HDR X



**BOSCH**  
Invented for life



IP 4000i



IP starlight 5000i  
IP starlight 5100i



IP starlight 5000i IR  
IP starlight 5100i IR



IP starlight 7000i

All non-IR models are also available as in-ceiling model

### Specifications

	H.265	IR	1080p	4MP	fps	dB	starlight	
IP 4000i	●		12x	●	60 fps	94dB		
IP starlight 5000i	●		30x	●	60 fps	120dB	●	
IP starlight 5000i IR	●	180 m	30x	●	60 fps	120dB	●	
IP starlight 5100i	●		20x	● (1/2" sensor)	60 fps	120dB (HDR-X)	●	
IP starlight 5100i IR	●	320 m	30x	● (1/2" sensor)	60 fps	120dB (HDR-X)	●	●
IP starlight 7000i	●		30x	●	30 fps	120dB	●	

### Essential Video Analytics

(Applicable to 4000i / 5000i / 5100i models)



Alerts only when needed



Quickly retrieve correct data

### Intelligent Video Analytics

(Applicable to 7000i models)



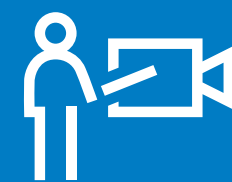
Perimeter protection



Traffic monitoring



Intelligent tracking



Camera Trainer functionality



Video Analytics while moving

### Housing



High impacts

≤IK10



Withstands challenging weather conditions

≤IP66

NEMA-4X

• Ease of installation • Data security • Bitrate reduction ≤80%



# AUTODOME inteox cameras

## Locate, track and zoom into an exciting new world of possibilities

### More about

Data security

AUTODOME inteox cameras



**BOSCH**  
Invented for life



INTEOX

**AUTODOME inteox 7000i**

Models with Traffic Detector based on deep neural networks available

Add software apps afterwards securely

### Specifications

	←	H.265	30x	1080p	fps	dB	starlight	Bosch certified sw	3rd party apps *	🧠
AUTODOME inteox 7000i	●	●	●	●	30 fps	120dB	●	●	●	Intelligent Video Analytics
AUTODOME inteox 7000i OC	●	●	●	●	30 fps	120dB	●	Traffic Detector	●	Intelligent Video Analytics

\* Available via Azena Application Store

### Built-in Artificial Intelligence with Intelligent Video Analytics



Intelligent tracking



Video Analytics while moving



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Video content analysis over large distances

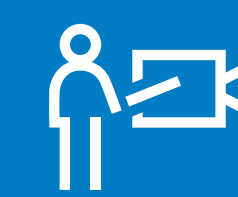
### Use Intelligent Video Analytics to build your own software applications



Analyze valuable data, use it in a wide variety



Build applications by using 16 built-in Video Analytics algorithms



Build applications with Camera Trainer technology

### Housing



High impacts **IK10**



Withstands challenging weather conditions **IP66** **NEMA-4X**



# MIC IP cameras

## Made for extremes

The MIC IP family of extremely rugged moving cameras is built to perform in practically any environment.

### More about

Data security

MIC IP cameras

MIC IP fusion 9000i



**BOSCH**  
Invented for life



MIC IP starlight 7100i



MIC IP ultra 7100i



MIC IP fusion 9000i

### Specifications

	H.265	Optional illuminator	120dB	30x	12x	Thermal imaging: 0 Lux	starlight	4K UHD	1080p	optical image stabilization
MIC IP starlight 7100i	●	550m	●	●			●		●	
MIC IP ultra 7100i	●	300m			●			●		●
MIC IP fusion 9000i	●		●	●		●	●		●	

### Intelligent Video Analytics



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Video content analysis over large distances

Analytics while moving

Intelligent Tracking

Camera Trainer with machine learning functionality

Metadata fusion

starlight 7100i



ultra 7100i



fusion 9000i



### Extremely robust



High impacts

IK10  
IEC 62262



Shock and vibration resistant

IEC 60068  
MIL-STD-167-1A



Withstands challenging weather conditions

IP68    UL Type 6P  
CORROSION PROOF  
ISO 12944-6: C5-M (High)  
NEMA-TS2  
MIL-STD-810G

• Ease of installation • Data security • Bitrate reduction ≤80%



# MIC inteox cameras

## Taking a new world of exciting possibilities to the extremes

### More about

Data security

MIC inteox cameras



**BOSCH**  
Invented for life



MIC inteox 7100i

Models with Traffic Detector based on deep neural networks available

Add software apps afterwards securely

### Specifications

	optical image stabilization	H.265	Optional illuminator	dB	30x	12x	starlight	SD industrial	window defroster	Bosch certified sw	3rd party apps*	Intelligent Video Analytics
MIC inteox 7100i (basic) 1080p	●	●	●	120dB	●	●	●	●	●	●	●	Intelligent Video Analytics
MIC inteox 7100i (enhanced) 1080p	●	●	●	120dB	●	●	●	●	●	●	●	Intelligent Video Analytics
MIC inteox 7100i (enhanced) 4K UHD	●	●	●	300 m	●	●	●	●	●	●	●	Intelligent Video Analytics
MIC inteox 7100i OC 1080p	●	●	●	120dB	●	●	●	●	●	Traffic Detector	●	Intelligent Video Analytics
MIC inteox 7100i OC 4K UHD	●	●	●	300 m	●	●	●	●	●	Traffic Detector	●	Intelligent Video Analytics

\* Available via Azena Application Store

### Built-in Artificial Intelligence with Intelligent Video Analytics



Intelligent tracking



Video Analytics while moving



Reliable alerts, even in extreme weather conditions



Video Analytics extremely resistant against shaking



Video content analysis over large distances

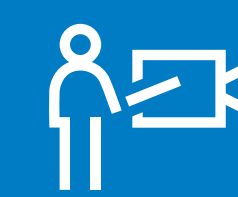
### Use Intelligent Video Analytics to build your own software applications



Analyze valuable data, use it in a wide variety



Build applications by using 16 built-in Video Analytics algorithms



Build applications with Camera Trainer technology

### Extremely robust



IK10  
High impacts  
IEC 62262



Shock and vibration resistant  
IEC 60068  
MIL-STD-167-1A



Withstands challenging weather conditions  
IP68  
UL Type 6P  
CORROSION PROOF  
ISO 12944-6: C5-M (High)  
NEMA-TS2  
MIL-STD-810G



# Welcome to INTEOX

## Unlimited starts here

The INTEOX open camera platform enables full freedom for new development, allowing system integrators and other stakeholders to build customer-specific solutions consisting of applications, software and services.

### More about

Data security



**BOSCH**  
Invented for life

### Building customer-specific solutions starts with freedom of choice:

#### Moving cameras



INTEOX

**MIC intex 7100i**



INTEOX

**AUTODOME intex 7000i**

#### Fixed cameras



INTEOX

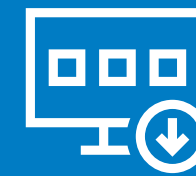
**FLEXIDOME intex 7100i IR**



INTEOX

**DINION intex 7100i IR**

### Next step:



Select one or multiple applications available in the Azena Application Store



Create your own customer-specific applications



Securely install and execute applications on INTEOX cameras

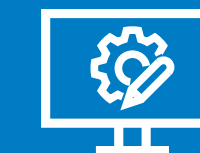


Use built-in Video Analytics and Camera Trainer technology to tailor the solution to detect user-specific objects or situations

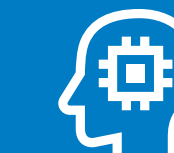
### Create your own customer-specific application:



Fast and easy development thanks to an open Operating System



Make use of tools, libraries and documentation



Utilize the powerful INTEOX hardware platform that supports neural network based analytics



Get a head start by making smart use of customer-specific (meta) data generated by INTEOX cameras

### Solutions built on INTEOX:



Are built to last



Offer outstanding performance



Deliver highest level of data security and privacy protection



Are easy to install, manage and use

