



3100i camera series

Intelligent video security for everyday surveillance without compromise

The highly versatile 3100i camera range sets a new benchmark for everyday surveillance without compromising video analytics or data security, ensuring confidence and peace of mind. All models are equipped with Intelligent Video Analytics Pro (IVA Pro) Buildings based on deep learning for high object accuracy. Like all Bosch cameras, the 3100i family is secure by design and includes a built-in Secure Element with a Trusted Platform Module (TPM) to ensure the highest level of data security. The environmental versions are impact and weather-resistant with IK10 and IP66 ratings.

Built-in intelligence with deep learning



Reliable detection and counting



Plug-and-play

Secure



Highest level of data security

Durable housing*



IK10



IP66

*outdoor models

Bosch 3100i camera series

Versatile camera range

The 3100 series offers three form factors and various models to meet specific customer requirements. The sleek and compact micro dome cameras offer three fixed lens options. The bullet and mini dome cameras feature integrated varifocal lenses and IR illumination, ensuring coverage up to 30 m (98 ft) in dark surroundings.

Built-in intelligence with deep learning

The deep learning-based IVA Pro Buildings in the 3100i cameras offer high object detection accuracy. IVA Pro Buildings automatically detects persons and vehicles while ignoring false triggers, like unwanted sources of motion, such as rain, snow, blowing leaves, lighting changes, or a shaking camera. This allows security operators to focus on authentic alerts. With no onsite calibration required, IVA Pro Buildings is easy to use and deploy.

Secure and simply trusted for peace of mind

Like all our cameras, the 3100i models are certified to UL 2900-2-3 Level 2 and IEC 62443-4-1. They are secure by design, an approach centered on a built-in Secure Element with Trusted Platform Module (TPM) functionality, safely storing all certificates and keys needed for authentication

and encryption. This method offers extensive user management to ensure that only authorized users can access data. The 3100i cameras are compliant with NDAA Section 889(a)(1)(A)/TAA regulations for peace of mind on any project.

Durable housing

Thanks to their durable housing, the environmental versions, available on all cameras, are IK10 vandal-resistant and IP66-rated dust proof and waterproof, making them suitable for challenging outdoor areas.

Effortless set up

All Bosch 3100i cameras support remote connectivity, enabling users to access their system or video footage from anywhere, anytime. The camera family is compatible with Bosch's universal accessories and offers an extensive range of mounting options.

Specifications



Lens



HDR



IVA Pro Buildings



IK10



IP66



IR

FLEXIDOME micro 3100i

Indoor (2MP/5MP)	Lens	fps	HDR	IVA Pro Buildings	IK10	IP66	IR
→	2.5 mm 3.2 mm 6 mm	30 fps	●	●			
←	2.5 mm 3.2 mm 6 mm	30 fps	●	●	●	●	

FLEXIDOME mini 3100i

Indoor (2MP/5MP)	Lens	fps	HDR	IVA Pro Buildings	IK10	IP66	IR
→	3.3 - 10.2 mm	30 fps	●	●			

FLEXIDOME mini 3100i IR

Indoor (2MP/5MP)	Lens	fps	HDR	IVA Pro Buildings	IK10	IP66	IR	Range
→	3.3 - 10.2 mm	30 fps	●	●				30 m (98 ft)
←	3.3 - 10.2 mm	30 fps	●	●	●	●		30 m (98 ft)

DINION 3100i IR

Outdoor (2MP/5MP)	Lens	fps	HDR	IVA Pro Buildings	IK10	IP66	IR	Range
←	3.3 - 10.2 mm	30 fps	●	●	●	●		30 m (98 ft)

Ordering information

FLEXIDOME micro 3100i

Order number	Ordering information
NUV-3702-F02 F.01U.408.377	NUV-3702-F02 Micro dome 2MP HDR 137° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 137° lens, IK08, NDAA compliant
NUV-3702-F04 F.01U.408.378	NUV-3702-F04 Micro dome 2MP HDR 106° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 106° lens, IK08, NDAA compliant
NUV-3702-F06 F.01U.408.379	NUV-3702-F06 Micro dome 2MP HDR 58° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 58° lens, IK08, NDAA compliant
NUV-3703-F02 F.01U.408.380	NUV-3703-F02 Micro dome 5MP HDR 131° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 131° lens, IK08, NDAA compliant
NUV-3703-F04 F.01U.408.381	NUV-3703-F04 Micro dome 5MP HDR 101° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 101° lens, IK08, NDAA compliant
NUV-3703-F06 F.01U.408.383	NUV-3703-F06 Micro dome 5MP HDR 56° Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 56° lens, IK08, NDAA compliant
NUV-3702-F04H F.01U.408.398	NUV-3702-F04H Micro dome 2MP HDR 106° HDMI Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 106° lens, IK08, HDMI, NDAA compliant
NUV-3703-F02H F.01U.408.399	NUV-3703-F02H Micro dome 5MP HDR 131° HDMI Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 131° lens, IK08, HDMI, NDAA compliant
NUE-3702-F02 F.01U.408.367	NUE-3702-F02 Micro dome 2MP HDR 137° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 137° lens, IP66, IK10, NDAA compliant
NUE-3702-F04 F.01U.408.370	NUE-3702-F04 Micro dome 2MP HDR 106° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 106° lens, IP66, IK10, NDAA compliant
NUE-3702-F06 F.01U.408.372	NUE-3702-F06 Micro dome 2MP HDR 58° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 58° lens, IP66, IK10, NDAA compliant
NUE-3703-F02 F.01U.408.373	NUE-3703-F02 Micro dome 5MP HDR 131° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 131° lens, IP66, IK10, NDAA compliant
NUE-3703-F04 F.01U.408.374	NUE-3703-F04 Micro dome 5MP HDR 101° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 101° lens, IP66, IK10, NDAA compliant
NUE-3703-F06 F.01U.408.375	NUE-3703-F06 Micro dome 5MP HDR 56° IP66 IK10 Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 56° lens, IP66, IK10, NDAA compliant

FLEXIDOME mini 3100i

Order number	Ordering information
NDI-3702-A F.01U.406.608	NDI-3702-A Fixed dome 2MP 3.3-10.2mm Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 3.3-10.2 mm lens, NDAA compliant
NDI-3702-AL F.01U.406.607	NDI-3702-AL Fixed dome 2MP 3.3-10.2mm IR Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 3.3-10.2 mm lens, IR, NDAA compliant
NDI-3703-A F.01U.406.610	NDI-3703-A Fixed dome 5MP 3.3-10.2mm Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 3.3-10.2 mm lens, NDAA compliant
NDI-3703-AL F.01U.406.609	NDI-3703-AL Fixed dome 5MP 3.3-10.2mm IR Fixed dome camera for indoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 3.3-10.2 mm lens, IR, NDAA compliant
NDE-3702-AL F.01U.406.611	NDE-3702-AL Fixed dome 2MP 3.3-10.2mm IP66 IK10 IR Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2MP, 3.3-10.2 mm lens, IR, IP66, IK10, NDAA compliant
NDE-3703-AL F.01U.406.612	NDE-3703-AL Fixed dome 5MP 3.3-10.2mm IP66 IK10 IR Fixed dome camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5MP, 3.3-10.2 mm lens, IR, IP66, IK10, NDAA compliant

DINION 3100i IR

Order number	Ordering information
NBE-3702-AL / F.01U.414.799	NBE-3702-AL Bullet 2MP 3.3-10.2mm IP66 IK10 IR Fixed bullet camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 2 MP, 3.3-10.2 mm lens, IP66, IK10, NDAA compliant
NBE-3703-AL / F.01U.414.800	NBE-3703-AL Bullet 5MP 3.3-10.2mm IP66 IK10 IR Fixed bullet camera for outdoor 30 fps surveillance with H.264/H.265 and IVA Pro Buildings, 5 MP, 3.3-10.2 mm lens, IP66, IK10, NDAA compliant