



BOSCH

INSPIRED BY
IQSIGHT

AUTODOME 7100i IR

PRECISION, INTELLIGENCE, AND TRUST – REDEFINED



When security is your top priority, you need a camera that sees clearly, reacts intelligently, and performs without compromise. The AUTODOME 7100i IR is engineered to deliver the clarity, insight, and reliability you need to protect people, property, and public spaces—day or night, near or far.

With built-in AI analytics, ultra-HD imaging, and a rugged, distortion-free design, this advanced PTZ camera helps you detect threats sooner, respond faster, and reduce risk across city surveillance, traffic monitoring, and perimeter protection. Whether you're managing complex urban environments or securing critical infrastructure, the AUTODOME 7100i IR moving camera gives you the insight to make smarter, faster decisions.

Pre-installed with Intelligent Video Analytics Pro (IVA Pro) Buildings, Perimeter, and Privacy, the camera delivers reliable object detection, classification, and anonymization right out of the box—helping you reduce manual monitoring, improve compliance, and scale intelligence across your operations. Optional IVA Pro licenses extend it's capabilities to support proactive safety, forensic search, and compliance monitoring.

With IP66 and IK10 ratings, streamlined installation, high-quality images and a 5-year warranty*, the AUTODOME 7100i IR is built for environments where performance and trust matter most.

*5-year warranty for fixed parts and 3-year warranty for moving parts

Advanced AI Analytics—Built-in and Ready to Scale



IVA Pro
Appearance*



IVA Pro Personal
Protective Equipment*



IVA Pro License
Plate Recognition* **



IVA Pro Vehicle
Make Model* **



IVA Pro Dangerous
Goods Signs* **



IVA Pro Visual Gun
Detection* **



IVA Pro Privacy**



IVA Pro Perimeter



IVA Pro Buildings



IVA Pro Intelligent
Tracking*



IVA Pro Traffic*

Application-Specific Intelligence with IVA Pro

High-quality imaging



starlight, 2MP and 8MP
resolution, electronic
or optical image
stabilization, Intelligent IR
300 m / 984 ft*

*available through license

**available in Q1 2026

*depends on model

AUTODOME 7100i IR



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Specifications

AUTODOME 7100i						
2MP	60 fps	●		●	Electronic	●
AUTODOME 7100i IR						
2MP	60 fps	●		●	Electronic 300 m	●
8MP	30 fps		●		Optical 200 m	●

Order number	Ordering information
NDP-7802-Z40 F.01U.419.731	NDP-7802-Z40 PTZ 2MP HDR 40x IP66 pendant PTZ dome camera, 2MP, 40x optical zoom, HDR, low-light imaging
NDP-7802-Z40L F.01U.419.732	NDP-7802-Z40L PTZ 2MP HDR 40x IP66 pendant IR PTZ dome camera, 2MP, 40x optical zoom, integrated IR to 300 m (984 ft), low-light imaging
NDP-7804-Z12L F.01U.419.733	NDP-7804-Z12L PTZ 8MP 12x IP66 pendant IR PTZ dome camera, 8MP, 12x optical zoom, integrated IR to 200 m (656 ft), low-light imaging
NDA-7100-PENF F.01U.395.439	NDA-7100-PENF Pendant arm fiber for AUTODOME 7100i Pendant arm with direct fiber connection for AUTODOME 7100i and AUTODOME 7100i IR cameras
NDA-7100-PEN F.01U.389.329	NDA-7100-PEN Pendant arm for AUTODOME 7100i Pendant arm with direct fiber connection for AUTODOME 7100i and AUTODOME 7100i IR
NDA-7100-PIPE F.01U.389.330	NDA-7100-PIPE Pipe mount for AUTODOME 7100i Pipe mount for AUTODOME 7100i and AUTODOME 7100i IR cameras
NDA-7100-PIPEF F.01U.395.440	NDA-7100-PIPEF Pipe mount for AUTODOME 7100i Pipe mount for AUTODOME 7100i and AUTODOME 7100i IR cameras

Additional accessories

Order number	Ordering information
NDA-U-PSU0H F.01U.425.481	PSU, IR, 24VAC, for NDA-7100-PEN/PENF
NDA-U-PSU1H F.01U.425.482	PSU, IR, 120VAC, for NDA-7100-PEN/PENF
NDA-U-PSU2H F.01U.425.483	PSU, IR, 230VAC, for NDA-7100-PEN/PENF
NDA-7100-PA0H F.01U.430.208	Wall arm & PSU for AD7100i 24VAC
NDA-7100-PA1H F.01U.430.209	Wall arm & PSU for AD7100i 120VAC
NDA-7100-PA0H F.01U.430.210	Wall arm & PSU for AD7100i 230VAC
NDA-U-PSU0HF F.01U.430.211	Wall arm & PSU for AD7100i 24VAC
NDA-7100-PA1HF F.01U.430.212	Wall arm & PSU for AD7100i 120VAC
NDA-7100-PA2HF F.01U.430.213	Wall arm & PSU for AD7100i 230VAC
NDA-7100-HCBL F.01U.425.489	Bubble, clear hydrophilic AUTODOME 7100i
NDA-7100-TBL F.01U.425.490	Bubble, tinted for AUTODOME 7100i
NDA-7100-WP F.01U.425.533	Weather protector for AUTODOME 7100i