

AUTODOME 7100i IR



Precision, Intelligence, and Trust – Redefined



AUTODOME 7100i IR

Specifications

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

Advanced AI Analytics–Built-in and Ready to Scale

Built-in AI as standard

IVA Pro Privacy*



IVA Pro Buildings



IVA Pro Perimeter



Optional licences

IVA Pro Appearance



IVA Pro Personal Protective Equipment



IVA Pro Vehicle Make Model*



IVA Pro License Plate Recognition*



IVA Pro Visual Gun Detection*



IVA Pro Dangerous Goods Signs*



IVA Pro Traffic



IVA Pro Intelligent Tracking



• Secure by design

*available in Q1 2026

INSPIRED BY
IQSIGHT

IP Video

Moving Cameras

■ Available – Not available
 ► = indication of main differentiator(s)

►AUTODOME 7100i



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Commercial Type Number		NDP-7802-Z40	NDP-7802-Z40L	NDP-7804-Z12L
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution ►	HD 1080p	HD 1080p	4K UHD
	Image sensor size ►	1/2.8"	1/2.8"	1"
	Max. frames per second (fps) ►	60	60	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR) ►	120dB	120dB	–
	ONVIF conformant	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2
	Wiper	–	–	–
	Intelligent tracking	■	■	■
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■
	IVA Pro Buildings	■	■	■
	IVA Pro Privacy	■	■	■
	IVA Pro Perimeter	■	■	■
	IVA Pro Traffic	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Intelligent Tracking	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Appearance	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Personal Protective Equipment	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro License Plate Recognition	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Vehicle Make Model	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Dangerous Goods Signs	Optional (with license)	Optional (with license)	Optional (with license)
	IVA Pro Visual Gun Detection	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color) ►	0.0075 lux	0.0075 lux	0.292 lux
	Minimum illumination night mode (black / white) ►	0.0011 lux	0.0011 lux	0 lux (IR on)
	Night vision ►	■ (starlight)	■ (starlight / IR)	■ IR
	Max. range IR at night ►	–	300 m / 984 ft	200 m / 656 ft
Lens	Focal length ►	4.25 - 170 mm	4.25 - 170 mm	9.3 - 111.6 mm
	Horizontal Angle of View (HAoV) ►	1.9° to 66.35°	1.9° to 66.35°	6.1° to 64.6°
	PTZ Zoom optical/digital ►	40x/32x	40x/32x	12x/12x
	Tilt angle	-90° to +20°	-90° to +20°	-90° to +20°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard) ►	wide 59-194/23-75/12-39/6-20 tele 2316-7598/926-3038/463-1519/232-761	wide 59-194/23-75/12-39/6-20 tele 2316-7598/926-3038/463-1519/232-761	wide 121-397/49-161/24-79/12-39 tele 1441-4728//577-1893/288-945/144-472
Storage	Industrial SD card support with health monitoring	■	■	■
	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
Connections	Alarm input / output	2/1	2/1	2/1
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	–/–	–/–	–/–
Housing	Weather rating	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10
	Operating temperature ►	–40° to +60° C (-40° to +140° F)	–40° to +55° C (-40° to +122° F)	–40° to +55° C (-40° to +122° F)
Power input voltage	Power over Ethernet / 12Vdc / 36Vdc / 24Vdc	■/–/■/■	■/–/■/■	■/–/■/■