BOSCH

NDA-U-PSU1H PSU, IR, 120VAC, for NDA-7100-PEN/PENF

▶ Aluminum enclosure rated to IP66 and UL Type 4X to prevent dust and water ingress

▶ IK10 impact rating ensures enclosure integrity

Bosch offers a series of stand-alone power supply units that provide 120 VAC power to AUTODOME 7100i IR cameras for applications without PoE or for redundant power applications with PoE. Each unit has a cover door that provides IP rating IP66/ UL Type 4X ingress protection and meets power and electrical safety requirements in extreme environmental conditions. The unique design and the IK10 rating protect the power supply units from vandalism and tampering events.

These units can be mounted directly to a wall or other flat surface. Optional pole and corner mounting accessories are also available, allowing you to tailor your AUTODOME installation to your specific requirements. Multiple cable gland/conduit entry points protect cables and simplify installation.

	EN 61000-3-3: 2013 FCC 47 Part 15 B (Class A) CISPR 32 (Class A)
RoHS	Complies with EN IEC 63000:2018
Product Safety	Complies with EN, IEC, UL Standards including: UL 62368-1 2nd Ed CAN/CSA C22.2 No. 62368-1-14 IEC 62368-1:2014 EN 62368-1:2014+A11:2017 UL 62368-1 3rd Ed CSA C22.2 No. 62368-1:19 IEC 62368-1:2018 EN IEC 62368-1:2020+A11:2020

Regulatory information

For a full list of all related certifications/standards, refer to the Product Test Reports, available on the online catalog, on the Documents tab of the product page for your device. If the document is unavailable on the product page, contact your sales representative.
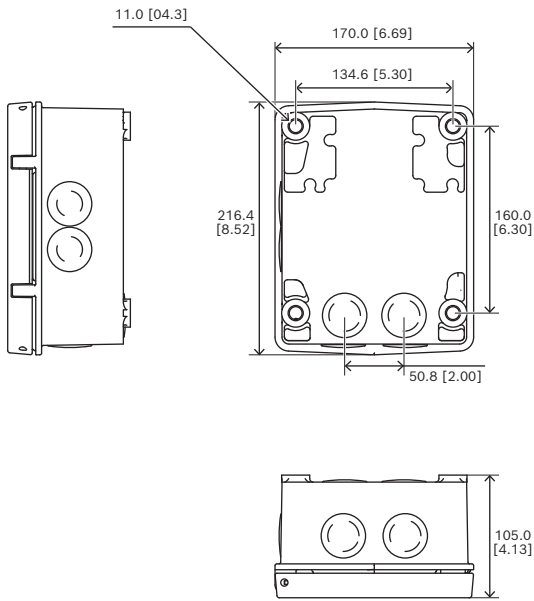
Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003 Issue 7 (for Canada only), and CE regulations, including latest versions of: EN 50130-4: 2011 EN 55032: 2015 + A11: 2020 (Class A) EN 61000-3-2: 2014

Installation/configuration notes

Environmental

Operating temperature (℃)	-60 ℃ – 60 ℃
Operating temperature (℉)	-76 ℉ – 140 ℉
Operating relative humidity, condensing (%)	0% – 100%
IP rating	IP66
Impact protection	IK10 (IEC 62262)
Degree of protection	UL type 4X

Ordering information

NDA-U-PSU1H PSU, IR, 120VAC, for NDA-7100-PEN/PENF
Power supply unit without transformer, 120 VAC, IK10
Order number **NDA-U-PSU1H |**

Parts included

Quantity	Component
1	NDA-U-PSU1H power supply box
1	Quick installation guide
1	Safety and security information manual

Technical specifications

Electrical

Input voltage (VAC)	120 VAC ± 10%, 50/60 Hz
Output voltage (VAC)	24 VAC @ 3.5A, 50/60 Hz (IEC 62638-1 Limited Power Source)

Note: 24 VAC @ 2 A is not used.

Mechanical

Dimensions (H x W x D) (mm)	216.4 mm x 170 mm x 105 mm
Dimensions (H x W x D) (in)	8.52 in x 6.69 in x 4.13 in
Material	Cast Aluminum
Material finish	Powder coated, Sand finish