BOSCH

NDA-7100-PA1HF Wall arm & PSU for AD7100i fiber 120VAC

- ▶ Aluminum enclosure rated to IP66 to prevent dust and water ingress
- ▶ IK10 impact rating ensures enclosure integrity
- ▶ 120 VAC transformer
- ▶ Supplies a direct fiber connection to the camera
- ▶ For applications without PoE or for redundant power applications with PoE

Bosch offers a series of power supply units with wall arms that provide 24 VAC power to AUTODOME 7100i and AUTODOME 7100i IR cameras for applications without PoE or for redundant power applications with PoE. Each unit has an IK10 rating, provides IP66 ingress protection, and meets power and electrical safety requirements in extreme environmental conditions. The unique design protects the power supply units from vandalism and tampering events.

EN 55032: 2015 + A11: 2020 (Class A)
EN 61000-3-2: 2014
EN 61000-3-3: 2013
FCC 47 Part 15 B (Class A)
CISPR 32 (Class A)

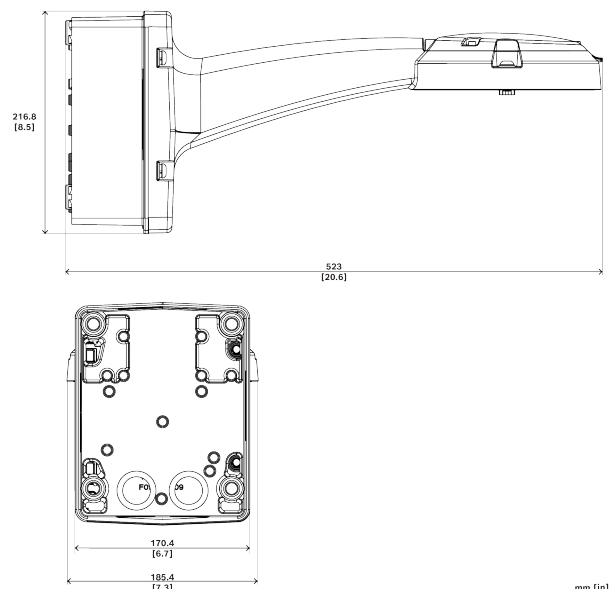| RoHS	Complies with EN IEC 63000:2018

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.

Product Safety	Complies with EN, IEC, UL Standards including:
	UL 62368-1 2nd Ed
	CAN/CSA C22.2 No. 62368-1-1
	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
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

Installation/configuration notes

216.8 [8.5]

523 [20.6]

170.4 [6.7]

185.4 [7.3]

mm [in]

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.

Parts included

Quantity	Component
1	Wall arm and power supply unit
1	Quick installation guide
1	Safety and security information manual

Technical specifications

Electrical

Input voltage (VAC)	120 VAC
Output voltage (VAC)	24 VAC

Support for optional Fiber SFP modules

Connection type	Direct fiber connection for video/data transmission beyond the 100 m (328 ft) limit of Cat5e/Cat6 Ethernet cable

Environmental

Operating temperature (°C)	-60 °C – 60 °C
Operating temperature (°F)	-76 °F – 140 °F
Operating relative humidity, condensing (%)	0% – 100%
IP rating	IP66
Impact protection	IK10

Construction

Dimensions (H x W x D) (mm)	216.8 mm x 523 mm x 185.4 mm
Dimensions (H x W x D) (in)	8.5 in x 20.6 in x 7.3 in
Color (RAL)	RAL 9003 Signal white
Material	Aluminum
Coating type	Powder coat
Material finish	Sand finish

Ordering information

NDA-7100-PA1HF Wall arm & PSU for AD7100i fiber 120VAC
Wall arm + Power supply unit for AUTODOME 7100i cameras, IK10 rating
120 VAC
Direct fiber connection
Order number **NDA-7100-PA1HF**

Accessories

NDA-U-CMT Corner mount adapter
Universal corner mount, white
Order number **NDA-U-CMT**

NDA-U-PMAL Pole mount adapter large
Universal pole mount adapter, white; large
Order number **NDA-U-PMAL**

https://www.boschsecurity.com