

NDA-7050-M Adapter kit for standalone use



The NDA-7050-M adapter kit is the essential for the standalone operation of the FLEXIDOME multi+ 7100i (IR). It delivers reliable power to the camera and manages all network traffic through its integrated ethernet switch. By centralizing power and connectivity, the adapter kit simplifies installation, reduces system complexity, and ensures seamless communication between the camera and the outside world enabling a clean, efficient, and scalable multi-sensor setup.

Functions

Standalone Power

Supplies primary operating power directly to the FLEXIDOME multi+ 7100i.

Reliable and efficient

Incorporates an on-board ethernet switch to route data between the camera and other network devices.

Complementary Components

The adapter kit consists of two complementary components:

The adapter kit - the functional core that delivers power and network connectivity to the camera, ensuring reliable system performance.

The decorative plate - a sleek, aesthetic cover designed to enhance the camera's appearance and help it blend effortlessly into any environment.

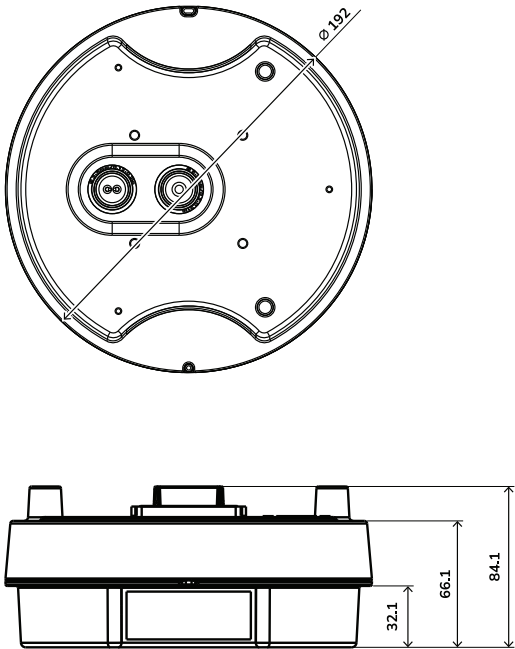
- ▶ Designed to support standalone deployment of the FLEXIDOME multi+ 7100i and FLEXIDOME multi+ 7100i IR
- ▶ Provides integrated network connectivity and power distribution for the camera system
- ▶ Enables stable network communication and reliable camera operation
- ▶ Supports scalable system design and simplified future expansion

Type	Standard
Compliance	Europe and Asia Pacific model: NDAA compliant North America and Latin America model: NDAA and TAA compliant
Product Safety:	Comply with EN,IEC,UL Standards including: IEC 62368-1:2018 EN IEC 62368-1:2020 EN IEC 62368-1:2020/A11:2020 BS EN IEC 62368-1:2020+A11:2020 CSA/UL 62368-1:2019 AS/NZS 62368.1:2022 SASO-IEC 62368-1 J62368-1(2023)
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+A1:2020 (Class A) EN IEC 61000-3-2:2019 EN 61000-3-3:2013 EN 50121-4:2016+A1:2019 FCC 47 CFR Part 15 Subpart B (Class A) CISPR 32 (Class A)

Regulatory information

Type	Standard
Marks	RoHS, WEEE, UL recognized

Installation/configuration notes



mm

Dimensions in mm

Parts included

Quantity	Component
1	NDA-7050-M Adapter kit for standalone use
1	Decorative plate
1	Quick Installation Guide
1	Safety information

Technical specifications

Electrical

Input voltage (VAC)	24 VAC, 50/60Hz
Input voltage (VDC)	24/36 VDC
PoE nominal voltage (VDC)	54 VDC
PoE input	PoE++ IEEE 802.3bt Type 4, Class 8, 90W

	PoE++ IEEE 802.3bt Type 3, Class 6, 60W
Power consumption PoE (W) (typical – maximum)	5 W
Power consumption VAC (VA) (typical – maximum)	7.9 VA
Power consumption VAC (W) (typical – maximum)	5 W
Power consumption VDC (W) (typical – maximum)	5 W
Current consumption VAC (A) (typical-maximum)	0.33A
Current consumption VDC (A) (typical-maximum)	0.21A / 0.14A
Current consumption PoE (A) (typical-maximum)	0.1A
Output Voltage (VDC)	18 VDC
Output Current	2.1A

Mechanical

Material	Aluminum casing, silicone gaskets
Dimensions (Ø x H) (mm)	192 mm x 84.1 mm
Dimensions (Ø x H) (in)	7.56 in x 3.31 in
Weight (kg)	1.4 kg
Weight (lb)	2.20 lb
Color (RAL)	RAL 9005 Jet black

Environmental

Operating temperature (°C)	-40 °C – 55 °C
Operating temperature (°F)	-40 °F – 131 °F
Storage temperature (°C)	-50 °C – 70 °C
Storage temperature (°F)	-58 °F – 158 °F
Operating relative humidity, non-condensing (%)	5% – 93%
Operating relative humidity, condensing (%)	5% – 100%
Storage relative humidity (%)	Up to 98% RH
Country of origin	Europe and Asia Pacific model: Thailand North America and Latin America model: Taiwan

Ordering information

NDA-7050-M Adapter kit for standalone use

Adapter kit for standalone use of the FLEXIDOME multi+
7100i

NDAA compliant

Order number **NDA-7050-M**
