

NDA-7050-MA Adapter kit for AUTODOME 5000i/5000i IR



The NDA-7050-MA adapter kit for FLEXIDOME multi+ 7100i and AUTODOME 5000i / 5000i IR provides a standardized physical and electrical platform for integrating different camera modules. The system enables mechanical attachment, power supply, and data communication for FLEXIDOME multi+ 7100i / 7100i IR cameras in combination with AUTODOME 5000i / 5000i IR cameras.

Functions

Physical and electrical interface

Provides a unified physical and electrical interface that enables interoperability between FLEXIDOME multi+ 7100i and AUTODOME 5000i/5000i IR.

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.

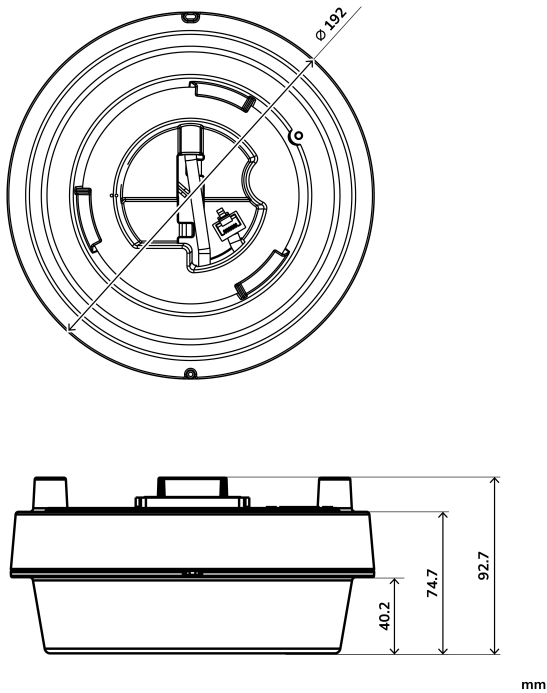
The decorative plate - a sleek, aesthetic cover designed to enhance the camera's appearance and help it blend effortlessly into any environment.

- ▶ Designed for use with FLEXIDOME multi+ 7100i / 7100i IR cameras in combination with AUTODOME 5000i / 5000i IR cameras
- ▶ 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

Dimensions in mm

Parts included

Quantity	Component
1	NDA-7050-MA Adapter kit for AUTODOME 5000i/5000i IR
1	Decorative plate
1	Quick Installation Guide
1	Safety information

Technical specifications**Electrical**

Input voltage (VAC)	24 VAC, 50/60Hz
Input voltage (VDC)	24 VDC – 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 (FLEXIDOME multi+) 36 VDC (AUTODOME 5000i)
Output Current	2.1 A (FLEXIDOME multi+) 0.96A (AUTODOME 5000i)

Mechanical

Material	Silicon decorative plate, plastic decorative plate
Dimensions (Ø x H) (mm)	192 mm x 92.7 mm
Dimensions (Ø x H) (in)	7.6 in x 3.65 in
Weight (kg)	1.47 kg
Weight (lb)	3.24 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-MA Adapter kit for AUTODOME 5000i/5000i IR

Adapter kit to use the FLEXIDOME multi+ 7100i in
combination with the AUTODOME 5000i/5000i IR

NDAA compliant

Order number **NDA-7050-MA**
