

TEST REPORT

**CTK Co., Ltd.**

5 Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si,
Gyeonggi-do, Republic of Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

REPORT No.:

CTK-2026-00371

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1. Applicant

- Name : Hanwha Vision Co., Ltd
◦ Address : 6, Pangyo-ro 319Beon-gil, Bundang-gu, Seongnam-si,
Gyeonggi-do, 13488 Republic of Korea
◦ Date of Receipt : Dec. 23, 2025

2. Manufacturer

- Name : Hanwha Vision Co., Ltd

3. Use of Report :

Quality control

4. Test sample / Model :

NETWORK CAMERA / XNP-A6374RH

5. Date(s) of test :

Jan. 08, 2025~ Jan. 15, 2026

6. Test Standard (Method) used :

NEMA 250-2014

Enclosures for Electrical Equipment (1000 Volts Maximum)

7. Testing Environment :

Temperature: (25 ±10) °C, Humidity: (50 ±25) % R.H.

Pressure: (96 ±10) kPa

8. Test Results :

Refer to the test results

9. Location of Test :☒ Permanent Testing Lab ☐ On Site Testing

(5 Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This report cannot be reproduced or copied without the written consent of CTK.

Approval	Tested by	Technical Manager
	Name: HyungUk Jeon (Signature)	Name: HoHyun Lee (Signature)

Remark. This report is not related to ISO/IEC 17025, KOLAS accreditation and relevant regulation.

Feb. 10, 2026

CTK Co., Ltd.

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1. Testing laboratory

1.1 Testing laboratory information

Lab. Name	CTK Co., Ltd.
Representative	Young Joseph Seungwon
Address	5 Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Tel.	+82-31-339-9970
Fax.	+82-31-624-9501
E-Mail	all.youngin@element.com
Website	www.elementkorea.kr

1.2 Testing laboratory accreditation status

Country	Classification	Accreditation Number	Logo
International	KOLAS	TESTING NO. KT119	

2. Product description and equipment information

2.1 Product description

Product Name	Model Name	Quantity	Comment
NETWORK CAMERA	XNP-A6374RH	1 EA	—



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Test item description : NETWORK CAMERA

Trade Mark :



Lot O-2, Que Vo Industrial Zone extended area, Nam Son ward,
Bac Ninh province, Vietnam

Manufacturer :

173-25, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, Korea
(Suwon Industrial Complex)

Model/Type reference : XNP-A6374RH

Ratings :

Electrical

AC 24 V ~ 50/60 Hz 82.4W / PED(55 V $\overline{\text{---}}$) 51 W

AC 24 V ~ 50/60 Hz 4.3 A / PED(55 V $\overline{\text{---}}$) 0.93 A

Dimension:

Ø162.5 by 510.25 mm, Ø6.5*3 by 61.23 mm, Ø41*2 by 257.48 mm,
Ø 10.7 by 33.59mm, Ø280 by 879.2 mm, 224 mm

List of Attachments (including a total number of pages in each attachment):

Attachment 1: 14-17 pages (Construction Diagram including installation method)

Attachment 2: 18-22 pages (Parts List)

Attachment 3: 24-27 pages (photographs)

Summary of testing:

Tests performed (name of test and test clause):
Clause 5.7(Hose Down Test)

Testing location:

CTK Co., Ltd.

5 Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si,
Gyeonggi-do, Republic of Korea

Copy of marking plate: The artwork above may be only a draft.

제품명칭: NETWORK CAMERA

모델명: XNP-A6374RH

정격전압: AC 24V~ 50/60Hz 82.4W / PoE(55V $\overline{\text{---}}$) 51W

M/C: XNP-A6374RH/KDO Fac. ID:D

2026.01 S/N: Serial No.

MAC ADDRESS: XX-XX-XX-XX-XX-XX

상호: 한화비전(주), 인증번호: R-R-HWVS-XNPA6374RH

제조사/제조국가: 한화비전(주)/한국

NETWORK CAMERA, XNP-A6374RH

AC 24V~ 50/60Hz 4.3A

PoE(55V $\overline{\text{---}}$) 0.93A

M/C: XNP-A6374RH/KUS Fac.ID:D

2026.01 S/N: Serial No.

MAC ADDRESS: XX-XX-XX-XX-XX-XX

CAN ICES-3(A)/NMB-3(A)

HANWHA VISION CO.,LTD.

Made in Korea

Rainproof/ Étanche

IP66



IP66



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2.2 Equipment information

Testing equipment	Model Name	Manufacturer	Manufacturing Number	Next Cal. Date
25.4mm Nozzle	S3-IP18	CTK	S3-IP18	-
Temperature & Humidity Chamber	C4-340	Weissttechnik	54260023190010	Feb.06,2026
Area flow meter	Z-6504	FLOWTECH	229400	Jan.16,2026
Steel measuring meter	5.5 m	KOMELON	225851	Jan.16,2026
Stop Watch	NONE	Casio	612Q01R-1	Jan.15,2027
Digital Vernier Calipers	100 mm	MITUTOYO	A17179462	-

2.3 Pre-test product images

2.3.1 Test sample



Top



Bottom



Front



Rear



Left side



Right side



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2.4 Testing equipment images

2.4.1 Test equipment



25.4mm Nozzle



Temperature & Humidity Chamber



Area flow meter



Steel measuring meter



Stop Watch



Digital Vernier Calipers

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3. Test Information

3.1 Test item particulars and Possible test case verdicts

Test item particulars	NETWORK CAMERA
Classification of installation and use	Outdoor (Watertight/Corrosion Resistant)
Possible test case verdicts:	
- test case does not apply to the test object	N/A
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement	F (Fail)
- test case does not evaluate to the test object:	N/E

3.2 General remarks and factory information

General remarks:
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a ☐ comma / ☒ point is used as the decimal separator. Clause numbers between brackets refer to clauses in NEMA 250-2014
Name and address of factory (ies):
1. HANWHA VISION VIETNAM COMPANY LIMITED Lot O-2, Que Vo Industrial Zone extended area, Nam Son ward, Bac Ninh city, Bac Ninh province, Vietnam 2. D-TECH CO., LTD. 173-25, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, Korea (Suwon Industrial Complex)



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3.3 Type 4X Test information

Type 4X

Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water); that provides an increased level of protection against corrosion; and that will be undamaged by the external formation of ice on the enclosure.

Table 2-1
Comparison of Specific Applications of Enclosures for Indoor Nonhazardous (Unclassified) Locations

Provides a Degree of Protection against the Following Conditions	Type of Enclosure									
	1	2	4	4X	5	6	6P	12	12K	13
Access to hazardous parts	X	X	X	X	X	X	X	X	X	X
Ingress of solid foreign objects (falling dirt)	X	X	X	X	X	X	X	X	X	X
Ingress of water (dripping and light splashing)	...	X	X	X	X	X	X	X	X	X
Ingress of solid foreign objects (circulating dust, lint, fibers, and flyings **)	...	...	X	X	...	X	X	X	X	X
Ingress of solid foreign objects (settling airborne dust, lint, fibers, and flyings **)	...	...	X	X	X	X	X	X	X	X
Ingress of water (hosedown and splashing water)	...	...	X	X	...	X	X	...	...	...
Oil and coolant seepage	...	...	...	...	...	...	...	X	X	X
Oil or coolant spraying and splashing	...	...	...	...	...	...	...	...	...	X
Corrosive agents	...	...	...	X	...	...	X	...	...	...
Ingress of water (occasional temporary submersion)	...	...	...	...	...	X	X	...	...	...
Ingress of water (occasional prolonged submersion)	...	...	...	...	...	...	X	...	...	...

** These fibers and flyings are not considered Class III type ignitable fibers or combustible flyings. For Class III type ignitable fibers or flyings see the *National Electrical Code*®, Article 500.5(D).

Table 2-2
Comparison of Specific Applications of Enclosures for Indoor & Outdoor Nonhazardous (Unclassified) Locations

Provides a Degree of Protection Against the Following Conditions	Type of Enclosure									
	3	3X	3R	3RX	3S	3SX	4	4X	6	6P
Access to hazardous parts	X	X	X	X	X	X	X	X	X	X
Ingress of solid foreign objects (falling dirt)	X	X	X	X	X	X	X	X	X	X
Ingress of water (dripping and light splashing)	X	X	X	X	X	X	X	X	X	X
Ingress of water (rain, snow, and sleet **)	X	X	X	X	X	X	X	X	X	X
Sleet ***	...	...	...	...	X	X	...	...	...	...
Ingress of solid foreign objects (windblown dust, lint, fibers, and flyings****)	X	X	...	...	X	X	X	X	X	X
Ingress of water (hosedown and splashing water)	...	...	...	...	...	...	X	X	X	X
Corrosive agents	...	X	...	X	...	X	...	X	...	X
Ingress of water (occasional temporary submersion)	...	...	...	...	...	...	...	...	X	X
Ingress of water (occasional prolonged submersion)	...	...	...	...	...	...	...	...	...	X

** External operating mechanisms are not required to be operable when the enclosure is ice covered.

*** External operating mechanisms are operable when the enclosure is ice covered. See subsection 5.6.

**** These fibers and flyings are not considered Class III type ignitable fibers or combustible flyings. For Class III type ignitable fibers or flyings see the *National Electrical Code*®, Article 500.5(D).

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Table 5-1A
Degrees of Protection Against Access to Hazardous Parts

Enclosure Type	Test Conditions	Degree of Protection		Corresponding IP First Characteristic Numeral
		Brief Description	Definition	
4X	5.7	Protected against access to hazardous parts with a wire	An access probe of 1.0 mm shall not penetrate	6

Table 5-1B
Degrees of Protection Against Solid Foreign Objects

Enclosure Type	Test Conditions	Degree of Protection		Corresponding IP First Characteristic Numeral
		Brief Description	Definition	
4X	<u>Non-vented</u> 5.7	Windblown dust protected	No ingress of dust	6
	<u>Vented</u> 5.5.1 Dust Blast Method			

Table 5-1C
Degrees of Protection against Water

Enclosure Type	Test Conditions	Degree of Protection		Corresponding IP Second Characteristic Numeral
		Brief Description	Definition	
4X	5.7	Protected against hose directed water	Water projected against the enclosure in any direction shall not enter	6 No Ingress Allowed*

Table 5-1D
Additional Protection

Enclosure Type	Test Conditions	Additional Protection		Corresponding IP Second Characteristic Numeral
		Brief Description	Definition	
4X	5.6 5.9 5.10	Special corrosion protection and undamaged by the external formation of ice	Enclosure provides increased corrosion protection and is not damaged by ice that forms on the outside	None

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3.4 NEMA 250-2014 Test list

NEMA 250-2014			
Clause	Requirement + Test	Result – Remark	Verdict
3	CONSTRUCTION		
3.1	General		P
3.2	Units of Measurement		P
3.3	Materials-General	Enclosures are made of metal or polymeric materials	P
3.4	Materials-Polymeric	More than 650 mm ² (1 in ²) in area Polymeric Materials used is declared as Min. V-2 Used to UL certified material. (See the attachment 2)	N/E
3.5	Corrosion Protection	Stainless steel and/or aluminium are declared as the materials used (See the attachment 2)	N/E
3.6	Openings	No openings in Product	N/A
3.7	Mounting	Mounting means are external to the equipment cavity (See the attachment 1)	P
3.8	Conduit Connection	No conduit connection (See the attachment 1)	N/A
3.9	Hubs and Fittings	No Hubs and Fittings	N/A
3.10	Knockouts	See the Attachment 1	P
3.11	External Operating Mechanisms	No External Operating Mechanisms	N/A
3.12	Access to Interior	Needs tool to open unit	P
3.13	Closing Hardware	No closing Hardware	N/A

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NEMA 250-2014

Clause	Requirement + Test	Result – Remark	Verdict
3.14	Gaskets	Gaskets made of a silicone Sponge Rubber (no Elastomeric or Thermoplastic used) (See clause 5.14 and the attachment 2)	P
3.15	Observation Windows	No Observation Window	N/A

4	MARKING		
4.1	Type Designations	“Type 4X” Marking is declared to be on the product before on the market	P
4.2	Supplemental Markings	Supplemental Marking (watertight/corrosion resistant) is declared to be used when it is on the market. The required marking shall be added on the product)	P
4.3	Location of Markings	See the Attachment 3	P
4.4	Enclosure Orientation	No Particular Mounting Orientation	N/A
4.5	Conduit Hubs and Closure Plates	No Conduit Hubs and Closure Plates	N/A
4.6	Equipment Openings	No Openings on Unit	N/A
4.7	Drainage Openings	No Drain Openings	N/A

5	DESIGN TESTS		
5.1	General	See Table 5-1A to 5-1D and 5.1.5 in the General product information	P
5.2	Tests For Protection Against Access to Hazardous Parts	Rated 4X	N/A
5.3	Tests for Protection Against Ingress of Water (Dripping and Light Splashing)	Rated 4X	N/A

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NEMA 250-2014

Clause	Requirement + Test	Result – Remark	Verdict
5.4	Tests for Protection Against Ingress of Water (Rain)	Rated 4X	N/A
5.5	Tests for Protection Against Ingress of Solid Foreign Objects (Setting Airborne Dust, Lint, Fibers, And Flings)	Non-vented (See clause 5.7)	N/A
5.6	External Icing Test	No external cavities to trap water when mounted in the normal position.	N/A
5.7	Tests for Protection Against Ingress of Water (Hosedown)	No entry of water See the test information	P
5.8	Indoor Corrosion Protection (Rust-Resistance Test (24-Hour Salt Spray Test))	See clause 3.5	N/E
5.9	Outdoor Corrosion Protection	See clause 3.5	N/E
5.10	Corrosion Protection-Type 3X, 3RX, 3SX, 4X Or 6P Enclosures	See clause 3.5	N/E
5.11	Test for Protection Against Ingress of Water (Temporary Submersion)	Rated 4X	N/A
5.12	Test for Protection Against Ingress of Water (Prolonged Submersion)	Rated 4X	N/A
5.13	Oil Exclusion Test	Rated 4X	N/A
5.14	GASKET MATERIAL TESTS	The product itself(including gaskets) was conditioned at 70 °C for 168 hrs according to 5.14.3(Alternate Evaluation) before performing relevant required tests.	P
5.15	Test for Sharpness of Edges	No sharp edges	P



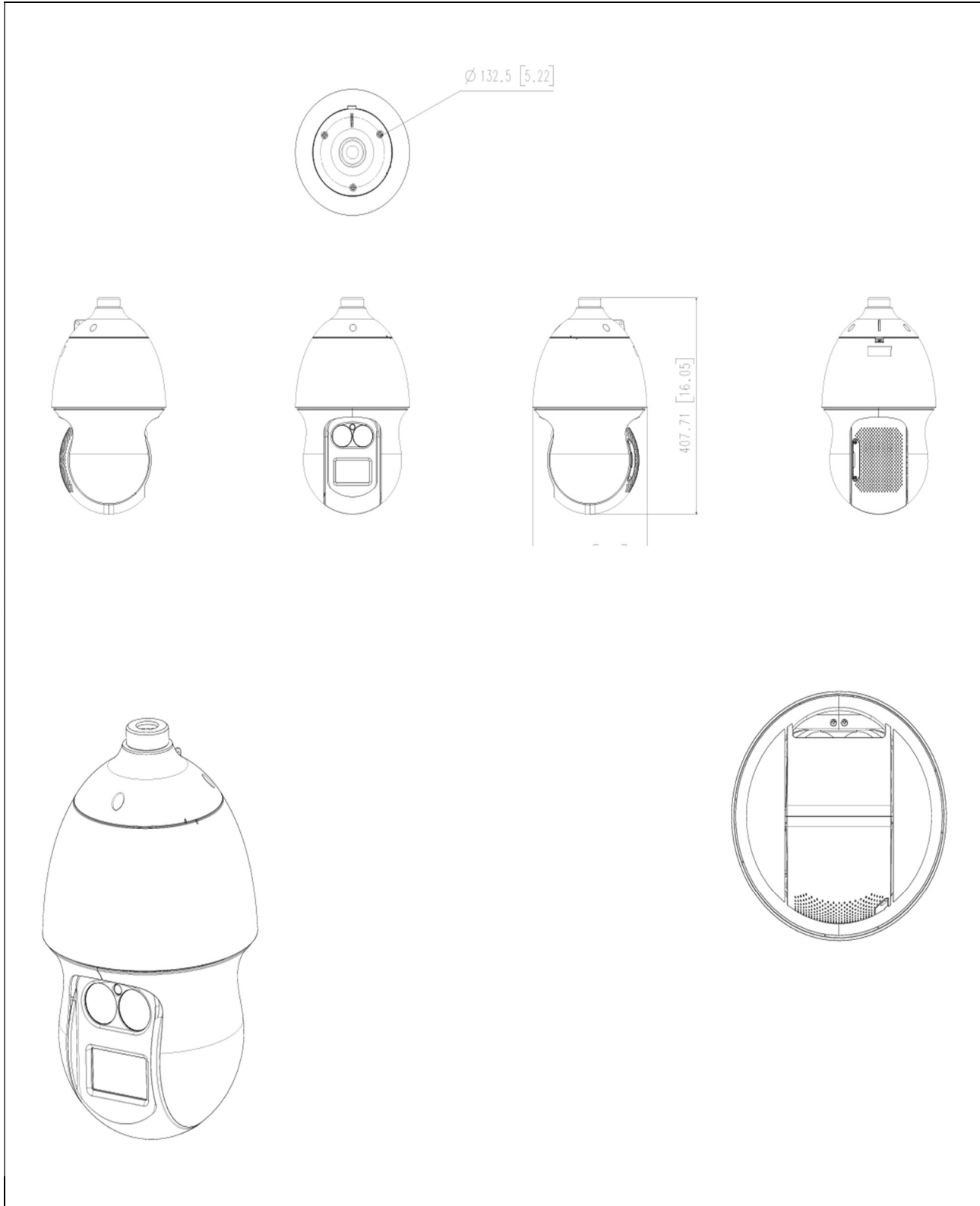
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3.5 Attachment 1 - Construction Diagram and installation method

3.5.1 Construction Diagram



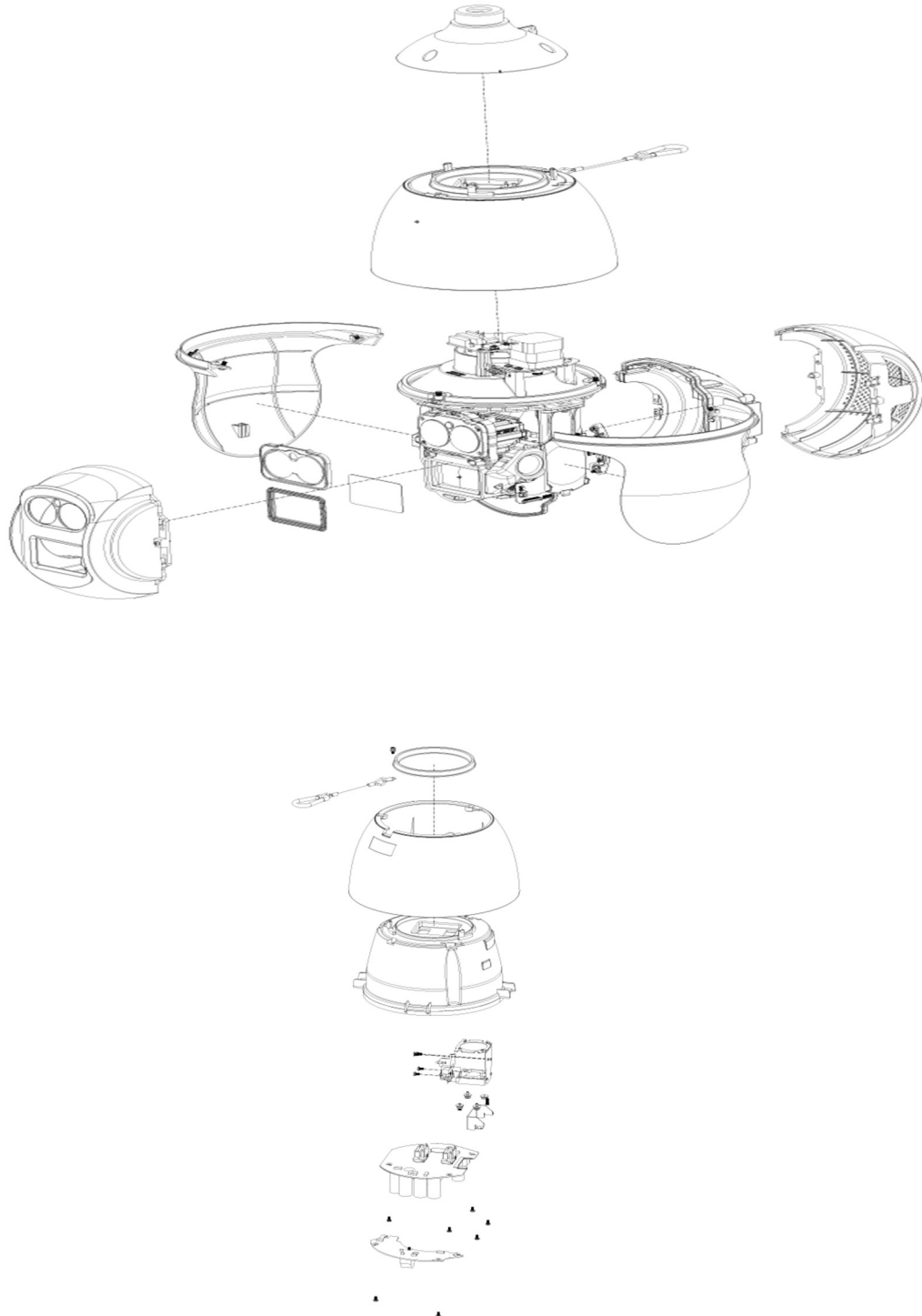


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3.5.2 installation method



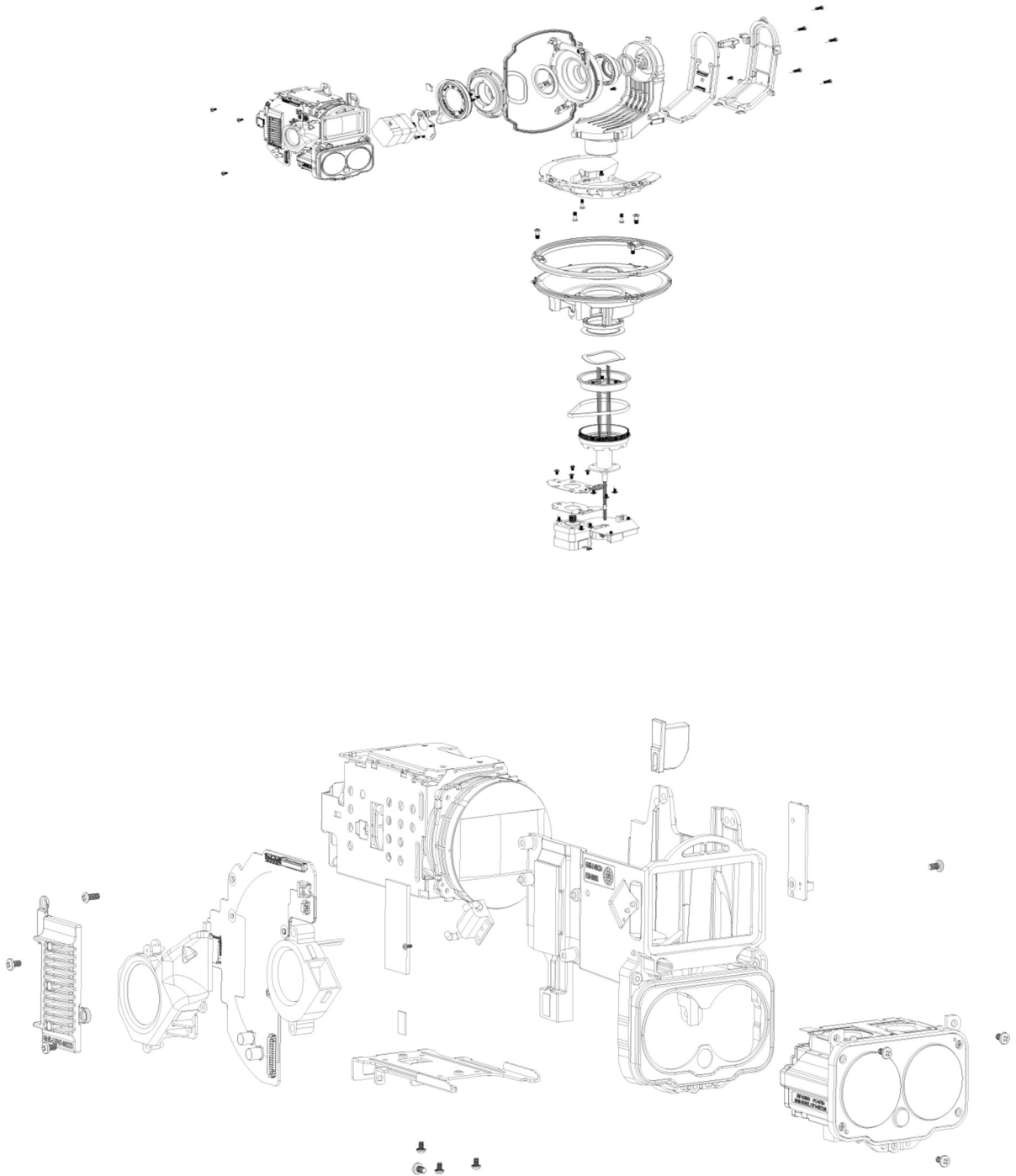


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3.5.3 installation method



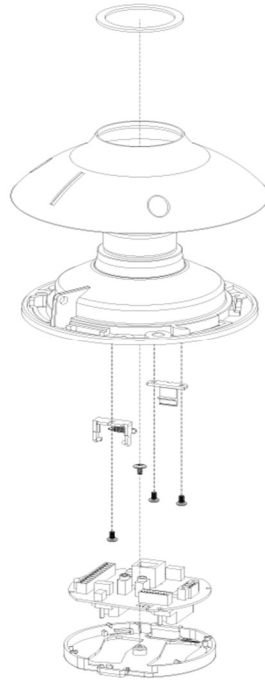


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3.5.4 installation method





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3.6 Attachment 2 - Parts List

3.6.1 Parts List (1)



Component - Plastics
EXL9334U(f1)

Yellow Card™

SABIC INNOVATIVE PLASTICS US L L C
AMERICAS - RESIN
1 PLASTICS AVE
PITTSFIELD, MA 01201-3662 United States

File Number: E121562

ELCRE: EXL9334U(f1)

PC/Siloxane, sheets



Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-0, 5VB	IEC 60695-11-10, -20
3.0 mm, ALL	V-0, 5VA	
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Imp		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C



Component - Plastics
HN-1068(f1)

Yellow Card™

LOTTE CHEMICAL CORPORATION
56 Gosan-ro
Uiwang-si, Gyeonggi-do 16073 Republic of Korea

File Number: E115797

INFINO: HN-1068(f1)

Polycarbonate (PC), pellets



Flammability	Value (English)	Value (SI)	Test Method
Flame Rating			UL 94
0.06 in (1.5 mm), ALL	V-0	V-0	IEC 60695-11-10, -20
0.12 in (3.0 mm), ALL	V-0	V-0	
Glow Wire Flammability Index			IEC 60695-2-12
0.06 in (1.5 mm)	1760 °F	960 °C	
0.12 in (3.0 mm)	1760 °F	960 °C	
Glow Wire Ignition Temperature			IEC 60695-2-13
0.06 in (1.5 mm)	1520 °F	825 °C	
0.12 in (3.0 mm)	1520 °F	825 °C	
Electrical	Value (English)	Value (SI)	Test Method
Hot-wire Ignition (HWI) (0.06 in (1.5 mm))	PLC 3	PLC 3	UL 746A
High Amp Arc Ignition (HAI)			UL 746A
0.06 in (1.5 mm)	PLC 3	PLC 3	
Comparative Tracking Index (CTI)	PLC 3	PLC 3	UL 746A
Dielectric Strength	810 V/mil	32 kV/mm	ASTM D149
Volume Resistivity	1.0E+17 ohms-cm	1.0E+17 ohms-cm	ASTM D257
Arc Resistance	PLC 0	PLC 0	IEC 60093
Thermal	Value (English)	Value (SI)	Test Method
RTI Elec			UL 746B
0.06 in (1.5 mm)	266 °F	130 °C	
0.12 in (3.0 mm)	266 °F	130 °C	
RTI Imp			UL 746B
0.06 in (1.5 mm)	266 °F	130 °C	
0.12 in (3.0 mm)	266 °F	130 °C	
RTI Str			UL 746B
0.06 in (1.5 mm)	266 °F	130 °C	
0.12 in (3.0 mm)	266 °F	130 °C	
Ball Pressure Test (266 °F (130 °C))	Pass	Pass	IEC 60695-10-2
Physical	Value (English)	Value (SI)	Test Method
Outdoor Suitability	f1	f1	UL 746C



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3.6.2 Parts List (2)

Component - Plastics			Yellow Card™
3500G-(z)			File Number: E121254
SAMYANG CORPORATION 407 3-Ga Paibok-Dong Cheonju, Jeollabuk-do 54886 Republic of Korea			
TRIEX: 3500G-(z) Polycarbonate (PC), pellets			
Flammability			
Flame Rating	Value	Test Method	
1.5 mm, ALL	V-0	UL 94	
3.0 mm, ALL	V-0	IEC 60695-11-10, -20	
6.0 mm, ALL	V-0		
Electrical			
Hot-wire Ignition (HWI)	Value	Test Method	
1.5 mm	PLC 2	UL 746A	
3.0 mm	PLC 1		
6.0 mm	PLC 0		
High Amp Arc Ignition (HAI)		UL 746A	
1.5 mm	PLC 0		
3.0 mm	PLC 0		
6.0 mm	PLC 0		
Comparative Tracking Index (CTI)	PLC 3	UL 746A	
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746A	
Arc Resistance	PLC 7	ASTM D495	
Thermal			
RTI Elec	Value	Test Method	
1.5 mm	130 °C	UL 746B	
3.0 mm	130 °C		
6.0 mm	130 °C		
RTI Imp		UL 746B	
1.5 mm	125 °C		
3.0 mm	125 °C		
6.0 mm	125 °C		
RTI Str		UL 746B	
1.5 mm	130 °C		
3.0 mm	130 °C		
6.0 mm	130 °C		

Level	제품/자재 코드	제품/자재명	수량
1	AM07-018197A	ASSY,FINAL-XNP-A6374RH	1
2	AM07-011399A	ASSY,COVER DOME IN-PNP-9200RH_TEMP	2
3	FC15-004897A	COVER-DOME-IN;PC,BLACK	1
3	Z6044004001A	RING-OP;6044-001059,ID2.8,T1.9,BLK,P3,S	2
3	FC18-000335A	SCREW-MACHINE:PH,+,M4,L10,SUS,FP,NLK,BKH	2
2	AM03-028893A	ASSY,COVER-SIDE-GUIDE;9200RH_TEMP	1
3	FC09-007522A	BRACKET-SIDE_CHASSIS	1
3	Z6044004001A	RING-OP;6044-001059,ID2.8,T1.9,BLK,P3,S	1
3	FC18-000335A	SCREW-MACHINE:PH,+,M4,L10,SUS,FP,NLK,BKH	1
2	AM07-018201A	ASSY,COVER-CAMERA-XNP-A6374RH	1
3	FC18-005354B	SCREW-SPECIAL : BH,TR10,M3,L6+4,SUS,FP	2
3	HP07-002136A	GASKET-SD-COVER;XNP-A6374RH	1
3	FC15-012875A	COVER-SD;XNP-A6374RH	1
3	Z6009004401A	SCREW-SPECIAL : BH,+,M4,L8.5+6,SUS,FP	2
3	FC15-012878A	COVER-REAR-HOUSING;XNP-A6374RH	1
2	AM07-018202A	ASSY,COVER-CAMERA-REAR-XNP-A6374RH	1
3	Z6009004401A	SCREW-SPECIAL : BH,+,M4,L8.5+6,SUS,FP	1
3	FC15-004900B	COVER-CAMERA-REAR;PC GF20,BLACK	1
2	AM07-018203A	ASSY-MECHA-XNP-A6374RH	1
3	AM07-018204A	ASSY,SUB-PT-XNP-A6374RH	1
4	FC18-003965A	SCREW-SPECIAL : PH,+,M5,L8.5+6,SUS,FP	3
4	MC05-001020B	TIMING BELT-60;S2M,268,2,6,2,EPDM	2
4	FC10-001045A	RUBBER-PAN-HOUSING;GASKET	1



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3.6.3 Parts List (3)

4	FC10-001048A	RUBBER-HEAD;SILLICONE,GASKET	1
4	FC09-007454A	BRACKET-PAN-MOUNT;ADC12	1
4	FC09-019692A	BRACKET-PAN-CHASSIS;XNP-A6374RH	1
4	FC09-007459A	BRACKET-GUIDE-PAN;PC BLACK	1
4	Z6009004401A	SCREW-SPECIAL : BH,+,M4,L8.5+6,SUS,FP	9
4	FC09-007455B	BRACKET-TILT-CHASSIS-XNP-A6374RH;ADC12	1
4	FC09-007469A	BRACKET-CAMERA-CHASSIS;ADC12	1
4	FC09-007457B	BRACKET-WW-RING;C3064BD	2
4	FC18-006440A	WASHER,WAVE-61MM-6MM;SUS,47.8MM	2
4	FC09-007468C	BRACKET-TILT-SHAFT-AL-MCX;ADC12	1
4	MC11-004261A	GEAR-TILT;POM,71.3014,BLACK,2,70.7934,11	1
4	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	13
4	FC18-008059A	CLIP-COVER-SLIP-RING;PC	1
4	PT03-003217D	LABEL-RATING-CAM-S-QR-NO MARK;WHITE,YUPO	1
4	Z6001045901A	4748_M3_L6_SCREW	6
4	MC03-003011A	BEARING,BALL-6805ZZ;25,37, 7,STEEL	1
4	HP12-000064	SEALRING-OILSEAL SC,28X40X5;silicon	1
4	EP08-002318A	MOTOR,STEP-STH-42C2010;TEETH16	2
4	MC03-002640A	BEARING,BALL-6809ZZ;45,58,7,STEEL	3
4	FC10-001342A	RUBBER-TILT-BRACKET;XNP-A6374RH	1
4	FC10-001046A	RUBBER-TILT;SILLICONE,GASKET	1
4	FC09-011412A	BRACKET,MOTOR-MOVER	1
4	FC09-011413A	BRACKET,MOTOR-BASE	1
4	FC38-001250A	SPRING,EXT-TENSION;SUS304WPB,1.2,6.1,28.	1

4	EP10-001088C	SLIP RING- SRS2202-30HH;15P*2	1
4	MC11-004255A	GEAR-PAN;POM,71.3014,BLACK,2,70.7934,112	1
4	MC03-002857A	BEARING,BALL-R-1350ZZ;5,13,4	2
4	FC09-007456B	BRACKET-MOTOR;SECC,T1.2,SHAFT_CAULKING	1
4	FC18-006141A	SPACER-PAN-RATATE;PC,0.35,BLACK,XNP-6371	1
3	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	4
3	AM07-018210A	ASSY,CAMERA-IR-XNP-A6374RH	1
4	FC28-002128A	PAD-THERMAL, 12X8;GP-1(350),1.0	1
4	Z7409041402C	COVER GLASS FILM	1
4	EP02-004104A	HARNESS-SNP-9200RH TILT PI CABLE;4P, 140	1
4	EP02-004103A	CABLE-SNP-9200RH IR_CONT;15P,60,AWG28	1
4	AM07-018107A	ASSY,HALF-TOTAL-LIGHTING-XNP-A6374RH	1
4	Z6001042201A	SCREW-MACHINE : PWH,+,M2.6,L4,WHT,FP	3
4	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	5
4	FC09-007470A	BRACKET-CAMERA-MOUNT;SECC,T1.2	1
4	FC28-004202A	PAD-THERMAL-49X20XT2;K=7.0W/M-K	2
4	AM07-018205A	ASSY,SUB-CAMERA-GUIDE-XNP-A6374RH	1
5	Z6001055101A	SCREW-MACHINE;6001-001707,BH,+,M2,L4,ZP	1
5	EP07-000073A	FAN,ELECTRIC-BM4515-04W-B50-L02	1
5	FC15-004894A	COVER-FANHEATER;PC,BLACK	1
5	FC09-019691A	BRACKET-CAMERA-GUIDE;XNP-A6374RH	1
5	EP07-000076A	HEATER,ELECTRIC-RH1015(12V/10W)	1
5	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	2
4	AM06-012204A	ASSY,PCB-XNP-A6374RH NETWORK	1

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3.6.4 Parts List (4)

6	EP16-003897A	PCB,NETWORK-XNP-A6374RH;FR-4,12L,MLB,1.6	1
4	EP02-005679A	CABLE-XNP-A6374RH;1:1,MCX,30P-30P,-,280M	1
4	EP02-005674A	HARNESS-1.25HOUSING;1:1,WIRE,BL,15P-15P,	1
4	EP02-004794A	HARNESS-XNP-9300RW;MCX,50P-50P,100MM	1
4	FC10-001341A	RUBBER-TILT-CAMERA;XNP-A6374RH	1
4	EP07-002273A	SINK,HEAT-SIDE-XNP-A6374RH;ADC12	1
4	Z9642308001	SCREW-MACHINE:PH,+,M3,L8,WHT,FP	2
4	RM04-001187A	TAPE-SD-XNP-A6374RH;PORON	1
3	FC18-001330A	SCREW-MACHINE : PH,+,M4,L10,BLK,FP	5
3	FC15-004893A	COVER-TILT-SIDE;PC,BLACK	1
3	AM06-006230A	ASSY,PCB-SNP-9200RH TILT-PI	1
5	EP16-002241A	PCB-SNP-9200RH_TILT-PI;FR4,2L,MLB	1
3	AM06-012200A	ASSY,PCB-XNP-A6374RH PAN PI	1
5	AM06-008396A	ASSY,PCB MANUAL-XNP-6550RH PANPI SOLDER	1
5	EP16-003951A	PCB-XNP-A6374RH;PAN PI,FR-4,4L,MLB,1.6T,	1
3	AM06-012186A	ASSY,PCB-XNP-A6374RH TILT SUB	1
5	EP16-003932A	PCB-XNP-A6374RH;TILT SUB,FR-4,4L,MLB,1.6	1
2	FC18-005974A	SPACER-SHEET	2
2	AM07-018211A	ASSY,BODY-XNP-A6374RH	1
3	EP24-001014A	WIRE-SAFETY-RH	1
3	FC15-004915G	COVER-SHIELD_XNP-A6374RH;PC	1
3	Z6006000101A	SCREW-SEMS:BH,+,M4,L8,SUS,FP,WSP	1
3	AM07-018207A	ASSY,BODY-SUB-XNP-A6374RH	1
4	FC10-001241A	RUBBER-RH PTZ FAN DAMPER	4

4	FC18-003670A	SCREW-SPECIAL : PH,+,M3,L5+5,WHT,FP,NYLO	2
4	FC10-001088A	RUBBER-GASKET-TOP;GASKET	1
4	FC09-008144A	BRACKET-CABLE-BLOCK	1
4	Z9642300001	SCREW-MACHINE:PH,+,M3,L10,WHT,FP	2
4	EP07-000074A	FAN,ELECTRIC-1604KL-04W-B50-B0E	1
4	EP07-000075A	HEATER,ELECTRIC-RH30190(24V/30W);24V,30W	1
4	EP02-001580A	HARNESS-THERMOSTAT 100(V)	1
4	FC09-013757A	BRACKET-FAN HEATER-RH-PTZ-BODY	1
4	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	12
4	FC29-008017B	HOUSING-BODY_XNP-A6374RH;ADC12	1
4	Z3301000301A	CLAMP FILTER-ZCAT 1325-0530A-M-K	1
4	EP06-006540A	SUPPLY,POWER,ETC-XNP-A6374RH_HPOE;55V,1A	1
4	EP06-003519A	SUPPLY,POWER,AC-DC-XNP-6550RH SMPS_AC24V	1
4	EP02-004146A	HARNESS-WNL_4M_2M_IR_LED_CABLE;6P_6P	1
4	EP02-004102A	CABLE-PANPI TO SMPS;SNP-9200RH,20P TO 14	1
4	EP02-004101A	CABLE-PANPI TO SMPS;SNP-9200RH,11P,170MM	1
4	EP02-002118A	HARNESS-SNO-6084R INTERFACE CABLE(10P)	1
2	AM07-018200A	ASSY-LENS ZOOM-XNP-A6374RH	1
2	AM07-011363A	ASSY,COVER-FRONT;9200RH_TEMP	1
3	FC15-004895A	COVER-CAMERA-FRONT;PC,BLACK	1
3	Z6009004401A	SCREW-SPECIAL : BH,+,M4,L8,5+6,SUS,FP	3
2	FC10-001189A	RUBBER-IR-MODULE-RH;SILICON,GASKET	1
2	FC10-001190A	RUBBER-GLASS-RH;SILICON,GASKET	1
2	FC15-004898A	COVER-GLASS;CLEAR	1

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3.6.5 Parts List (5)

2	AM07-018224A	ASSY-INTERFACE-TOTAL-XNP-A6374RH	1
3	AM07-018206A	ASSY-INTERFACE-XNP-A6374RH	1
4	EP21-000012A	BLOCK,TERMINAL-TJ-3.81-12P(PRINT);12P	1
4	EP21-000147	BLOCK,TERMINAL-TJ-3.81-3P-V-WF;3p,3.81mm	1
4	FC09-002558D	BRACKET-INTERFACE-SCP6322;PC,SCP6322	1
4	Z6009001301A	TAPPING SCREW(M3xL6,와샤불이형머리,Zn-B)	1
4	FC38-000120A	SPRING,EXT-SNP5300;SUS	1
4	PT03-000471A	STICKER-CAUTION_INTERFACE;ART PAPER	1
4	PM02-000992A	BAG-PE;300X400,TRP,LDPE	1
4	AM06-012202A	ASSY,PCB-XNP-A6374RH INTERFACE	1
6	AM06-008186A	ASSY,PCB MANUAL-XNP-6550RH INTERFACE	1
6	EP16-002690A	PCB,INTERFACE-XNP-6550H;6L,MLB,1.6T,G	1
4	PM02-005618A	PACKING PART,OTHERS-XNP-6371RH MODULE PA	1
4	PT03-003104B	STICKER-SBP-303HF;LABEL,ART	1
4	AM07-018208A	ASSY,HOUSING-COUPLING-XNP-A6374RH	1
5	HP07-000100A	GASKET-RING-70;SILICON,IVORY	1
5	FC09-007452A	BRACKET-INTERFACE_LOCK;PC BLACK	1
5	FC29-008018D	HOUSING-COUPLING;WHITE;ALDC12	1
5	FC15-001493F	COVER-COUPLING;PC-WHITE_EXL,XNP-A6374RH	1
5	FC09-007453A	BRACKET-INTERFACE-FIX;PC BLACK	1
5	Z6001053501A	SCREW-MACHINE;6001-001476,BH,+,M3,L6,Ni	3
3	PT03-002331C	LABEL-COUPLING-KOR;PAPER(LABEL)	1
3	PT03-003217C	LABEL-RATING-CAM-S-QR-CE,EAC,UL;WHITE,YU	1
2	FC28-004385A	PAD-THERMAL-46X5XT2,K=7W/M-K	1

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4. Hose Down Test (Clause 5.7)

4.1 Test date and environmental conditions

4.1.1 Test date: Jan. 08, 2026~ Jan. 15, 2026

4.1.2 Measured Environmental Conditions

Item	Temperature (°C)	Humidity (% R.H.)	Pressure (kPa)
Measurement	25.7	62.4	103.2

4.2 Test Conditions and methods

4.2.1 Description of Test

The enclosure and its external mechanisms were subjected to a stream of water from a hose that has a 25.4 mm (1 in) inside diameter nozzle and delivers at least 240 L (65 gal) per minute. The nozzle was held from 3.0 to 3.5 m (10 to 12 feet) from the enclosure, and the spray of water was directed at all points of potential water entry such as seams, joints, external operating mechanisms, and such. The nozzle was moved along each test point one time at a uniform rate of 6 mm/sec (1/4 in/sec).

4.2.2 Sample Dimension

Ø162.5 by 510.25 mm, Ø6.5*3 by 61.23 mm, Ø41*2 by 257.48 mm,
Ø 10.7 by 33.59mm, Ø280 by 879.2 mm, 224 mm
Test Duration = 327.625 secs

4.2.3 Acceptance conditions

The enclosure shall be considered to have met the requirements if at the conclusion of the test no water has entered the enclosure



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4.3 Attachment 3 - Photographs

4.3.1 Hose down test



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4.4 Test result

4.4.1 Test result table

Sample No (Model)	Water Flow	Presence of water inside	Result
XNP-A6374RH	240 LPM	No	Normal

※ Refer to the product photos after the completion of testing in section 4.5.



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4.5 Post-test product images

4.5.1 Test sample image

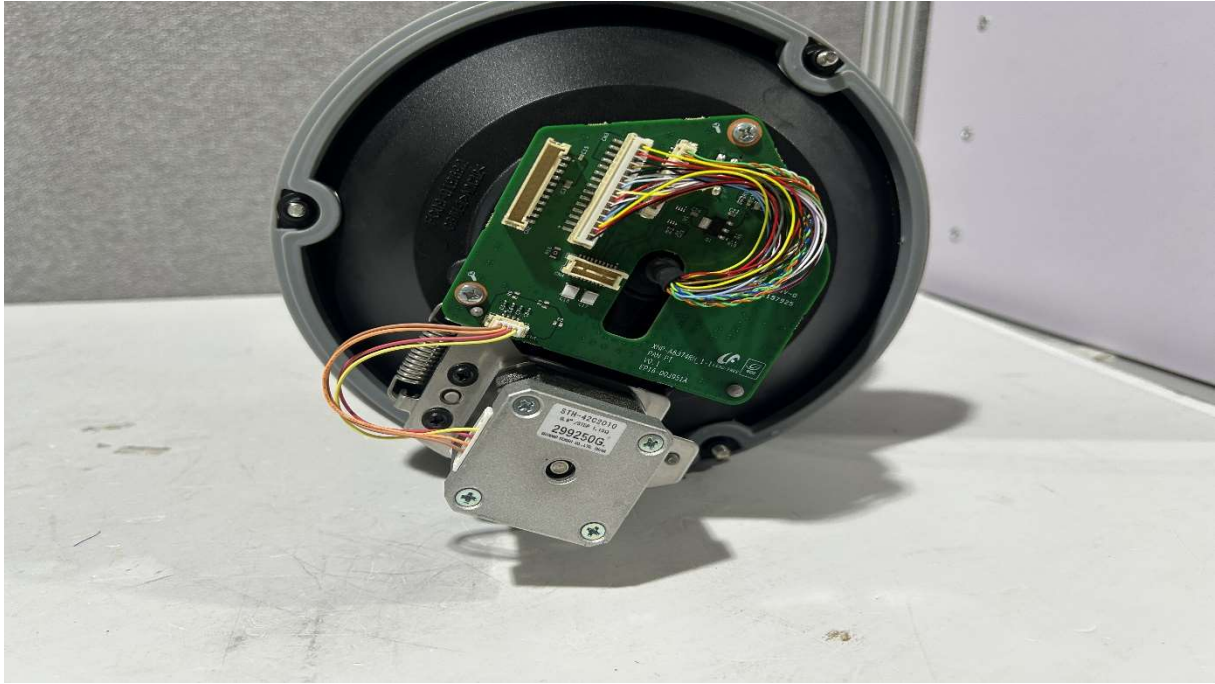




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