



Test report	
IEC 60529:1989+A1:1999+A2:2013	
Degrees of protection provided by enclosures (IP Code)	
Report Reference No.....:	AIT22032907S-1
Date of report issue	2022-04-06
Total number of pages	7 pages
Testing Laboratory name	Dongguan Yaxu (AiT) Technology Limited
Address.....:	No.22, Jinqianling Third Street, JitiGang, Huangjiang, Dongguan, Guangdong, China
Testing location	Same as above
Tested by (+ signature)	Dave Long
Approved by (+ signature)	Sandy Liang
Applicant's name	HOLYBRO(H.K.) LIMITED
Address.....:	RM 1902 EASEY COMM BLDG253-261 HENNESSY RD WANCHAI HONG KONG
Manufacturer's name	Shenzhen HolyBro Hobby Technical Co., LTD.
Address.....:	Floor 4, Jiang Hai Industry District, No.7 yonghe Road, Shi Yan Town, Bao'an District, Shenzhen City, Guangdong Province, China
Factory's name:	Shenzhen HolyBro Hobby Technical Co., LTD.
Address.....:	Floor 4, Jiang Hai Industry District, No.7 yonghe Road, Shi Yan Town, Bao'an District, Shenzhen City, Guangdong Province, China
Test specification:	
Standard	IEC 60529:1989+A1:1999+A2:2013
Test procedure.....:	IPX6
Procedure deviation.....:	N/A
Non-standard test method	N/A
Note: The test data was only valid for the test sample(s). This test report is prepared for the customer shown above and for the specific product described herein. It must not be duplicated or used in part without prior written consent from Dongguan Yaxu (AiT) Technology Limited.	



Test Object

Description.....: H-RTK M8P Helical
Trademark.....: N/A
Model and/or type reference.....: HG-C07, H-RTK M8P GNSS Series
Serial number: N/A
Rating(s).....: Input: 5VDC, 150mA Max

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)

TESTING:

Date of receipt of test item.....: 2022-03-29
Date (s) of performance of tests.....: 2022-03-29 to 2022-04-06

GENERAL REMARKS:

”(see remark #)” refers to a remark appended to the report.
(see appended table)” refers to a table appended to the report.
The test results presented in this report relate only to the object tested.
This report shall not be reproduced except in full without the written approval of the testing laboratory.
Throughout this report a comma / point is used as the decimal separator.

Summary of testing:

All tests were performed on model HG-C07 at the worst case and all test results complied with the standard on cover page.

General product information:

1. The product covered in this report is H-RTK M8P Helical.
2. All models are exactly the same except the model names.

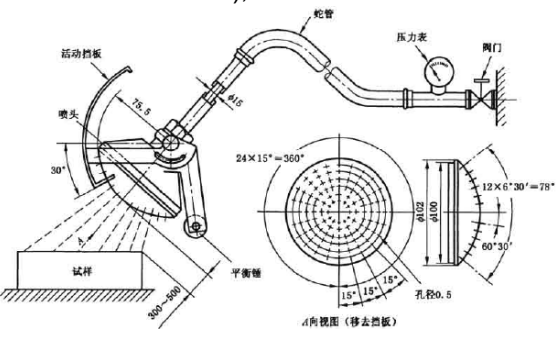
Photos before test



Test equipment list

No.	Instrument Name	Model	Serial No.	Manufacturer	Calibration period of Validity
1	Strong flush and rain test device	JL-1/2	AiT-F01220	Guangzhou GongWen Tryout equipment Co., Ltd.	2023-06-08
2	Stopwatch	PC2001	AiT-F01207	CHAOSUDA	2022-08-31
3	Humidity & Temp. Recorder	TA218B	No.11	KTJ	2022-08-30
4	Tape Measure	DL9005	No.6	Deli	2025-09-02

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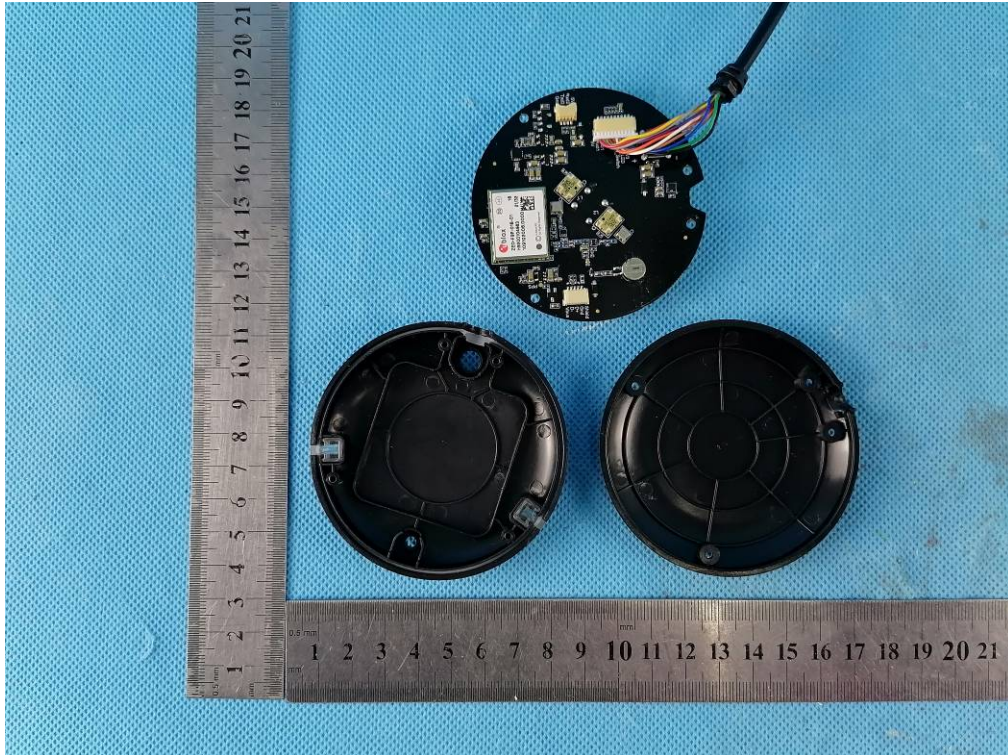
<u>Clause</u>	<u>Description</u>	<u>Result</u>	<u>Remark</u>
14.1	Test means	Noted	--
14.2	Test conditions for first characteristic numerals 1,2,3,4.....	Noted	--
14.2.1	Test for second characteristic numeral 1 with the drip box	Not applicable	--
14.2.2	Test for second characteristic numeral 2 with the drip box	Not applicable	--
14.2.3	<p>Test for second characteristic numeral 3 with oscillating tube or spray nozzle</p> <p>Use the conditions of the test equipment (sprinkler head) in Fig. 5.</p> <p>In this test, baffles with balancing weights shall be installed.</p> <p>Adjust the water pressure to reach the specified water output. The required pressure ranges from 50 kpa to 150 kpa. Pressure shall be maintained during the test Constant.</p> <p>The test time shall be calculated according to the surface area of the shell for 1min/m² (excluding the installation area), with a minimum of 5min.</p>  <p style="text-align: center;">Fig.5</p>	Not Applicable	--
14.2.4	Test for second characteristic numeral 4 with oscillating tube or spray nozzle	Not Applicable	--
14.2.5	Test for second characteristic numeral 5 with the 6.3mm nozzle.....	Not Applicable	--
14.2.6	Test for second characteristic numeral 6 with the 12.5mm nozzle.....	Applicable	IPX6

14.2.7	Test for second characteristic numeral 7 : temporary immersion between 0.15 to 1m.....	Not applicable	--
14.2.8	Test for second characteristic numeral 8 : continuous immersion subject to agreement	Not applicable	--
14.3	Acceptance conditions	Complied	No water entered

Test Photo



Photos after test



*****End of Report*****