

시험보고서 (TEST REPORT)

nipa 정보통신산업진흥원
National IT Industry Promotion Agency
(406-840) 인천시 연수구 벤처로 82

수신자(Recipient) CEO of WIZnet Co., Ltd.
(경유)

제 목 (Subject) WIZ 750SR Temperature cycle test(S170925-026)

시험 의뢰자 (Applicant)	기관(업)명 (Company)	WIZnet Co., Ltd.	
	주소 (Address)	5F Humax Village, 216 Hwangsaewol-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13595 Korea	
	의뢰일/신청번호 (Date of Application)	Sept. 25, 2017 / S170925-026	
시험 정보 (Products)	품명/모델명 (Name/Model)	WIZ 750SR / TTL version	
	일련번호 (Serial Number)	#1 ~ #5	
	제조사 (Manufacturer)	WIZnet Co., Ltd.	
시험일 (Date of Test)		Sept. 28, 2017 ~ Oct. 19, 2017	
시험 규격/방법 (Test Standard/Method)		Submitted by test client (WIZnet Co., Ltd.)	
시험 결과 (Test Results)		Refer to page 3	
시험 담당자 (Tested by)		Shin, Dong Pil	검토자 (Reviewed by) Lee Myeong-Gyu

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★담당 10/23 신동필 담당 10/23 이명규 팀장 10/23 임태홍

협조자

시험 3D프린팅산업진흥팀-5676 (2017.10.23.) 접수 ()
우 138-711 인천광역시 연수구 벤처로 82 / http://www.nipa.kr
전화 032-720-8258 / 전송 032-720-8270 / sdp@nipa.kr / 비공개(7)

정부3.0, 정보의 개방과 공유로 일자리는 늘고 생활은 편리해집니다.

A. Outline

1. Equipment under test description

Classification		Standard
Equipment name		WIZ 750SR
Model name		TTL version
Serial number		#1 ~ #5
Manufacturer name / Country of origin		WIZnet Co., Ltd./ Korea
Technological specification	I/O Port	USB, D-subq port, Ethernet connector, 5 V power port
	function	Serial tp Ethernet module(converter)
	Size	(45 X 30 X 20) mm
	ete	-
Photographs of equipment under test		

※ The specification of the Test Sample is provided by Test Client.

2. Testing Environment

o Laboratory Environment

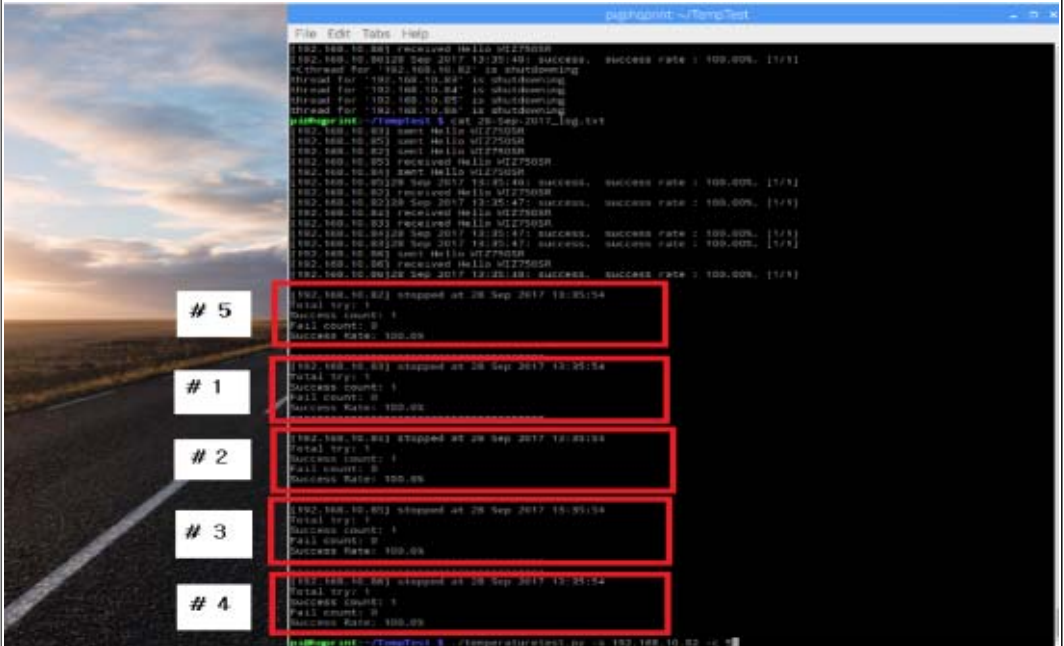
- (24 ± 2) °C, (54 ± 3) % R.H.

o Test equipment list

No	Equipment	Manufacturer	Model Name	Serial Number	Cal. Data	Remark
1	Temperature and Humidity Chamber 3	HITACHI	EC-85-LHHP	U5541689	Oct. 25. 2016.	-

B. Test Condition

1. Test method

Test Item	Test methods and conditions	Criteria
Temperature cycle test	- o Temperature - Low temp. : $(-40 \pm 3) ^\circ\text{C}$ - High temp. : $(85 \pm 2) ^\circ\text{C}$ - o Test time : 240 hours each - o Temperature change rate : $1 ^\circ\text{C}/\text{min}$ - o Number of cycles : 1 cycles - o load state	- o Normal operation before / after test - Visual confirmation
Remarks	- o Normal operation - Using the "pi @ haprint ~ / TempTest" tool with the sensing information on the hub, the success rate is 100% Whether visually confirmed  [Example of normal operation] - o Test samples IP adress - #1 : 192.168.10.83, #2 : 192.168.10.84, #3 : 192.168.10.86 #4 : 192.168.10.85, #5 : 192.168.10.82	

2. Test setup photograph

o Temperature cycle test



C. Test results and data

1. Test results

Test item	Test method	Criterion	Test result
Temperature cycle test	- o Temperature - Low temp. : $(-40 \pm 3) ^\circ\text{C}$ - High temp. : $(85 \pm 2) ^\circ\text{C}$ - o Test time : 240 hours each - o Temperature change rate : $1 ^\circ\text{C}/\text{min}$ - o Number of cycles : 1 cycles - o load state	o Normal operation before / after test Visual confirmation	Pass
ete	-		

2. Measurement data

o Visual check the normal operation

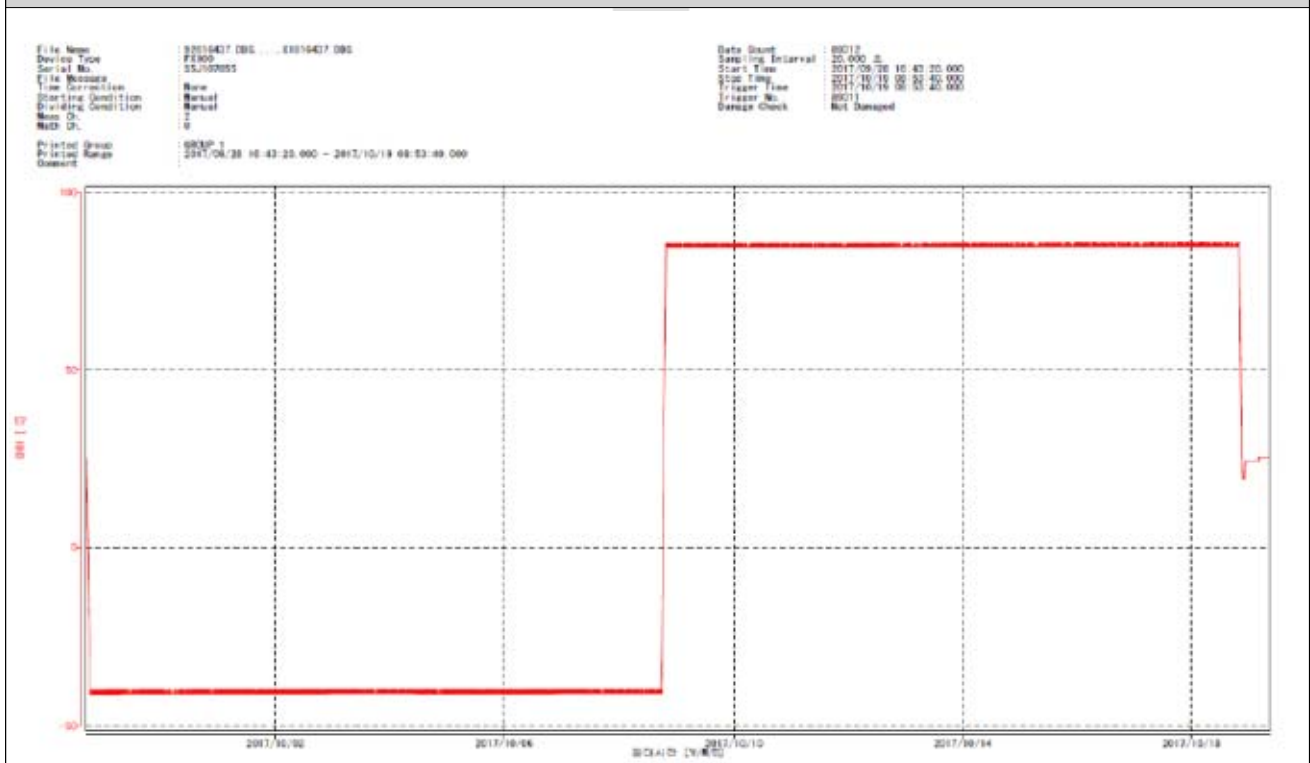


```

# 5 [192.168.10.82] stopped at 20 Oct 2017 10:05:22
Total try: 183564
Success count: 183564
Fail count: 0
Success Rate: 100.0%
=====
# 1 [192.168.10.83] stopped at 20 Oct 2017 10:05:22
Total try: 183563
Success count: 183563
Fail count: 0
Success Rate: 100.0%
=====
# 2 [192.168.10.84] stopped at 20 Oct 2017 10:05:22
Total try: 183618
Success count: 183618
Fail count: 0
Success Rate: 100.0%
=====
# 3 [192.168.10.85] stopped at 20 Oct 2017 10:05:22
Total try: 183517
Success count: 183517
Fail count: 0
Success Rate: 100.0%
=====
# 4 [192.168.10.86] stopped at 20 Oct 2017 10:05:22
Total try: 183599
Success count: 183599
Fail count: 0
Success Rate: 100.0%
=====
pi@shprint:~/TempTest $
    
```

3. Test graph

o Temperature cycle test



End.