

Test Report

Report No. : Reliability

Company : WIZnet Co., Ltd

Representative : Lee Yun-bong

Address : 5F Humax Village, 216 Hwangsaoul-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

1. Product Name : Serial to Ethernet
- Type and Model : WIZ750SR / WIZ550SR
2. Use of Report : For Quality Management
3. Date of Receipt : 2016. 06. 14
4. Date of test : 2016. 06. 14 ~ 2016. 06. 29
5. Testing Method : Presented by Client
6. Test Results : as stated in the annexed paper

Tested by : Kim Jun Sung (signature)

Approved by : Lim Hong Woo (signature)

1. This report is based on the test and analysis performed with the sample(s) submitted by the client.
Therefore, the report does not guarantee the quality of entire products.
2. This report should not be used for advertising, lawsuit, etc. without any official permission of KTC.
It is only used for the purpose of the quality test.
3. The copy of this report is invalid for use.

2016. 06. 29



President _____

Korea Testing Certification

www.ktc.re.kr 22 Heungan-daero 27 beon-gil, Gunpo-si, Gyeonggi-Do, 435-862, Korea

TEL : 031-428-5691, FAX : 031-455-2924

Test Result

Report No. : Reliability

1. Test Summary

1.1 Purpose of test

- ☐ Check the operation at low/high temperature

1.2 Test condition

- ☐ Test condition : Presented by Client

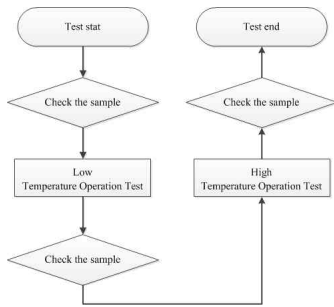
Test Item	Test condition
Low Temperature Operation Test	(1) Test Temp. : $(-40 \pm 3) ^\circ\text{C}$ (2) Test Time : 168 h (3) Check point : Check the communication (to send word) by client-provided pc and software
High Temperature Operation Test	(1) Test Temp. : $(85 \pm 2) ^\circ\text{C}$ (2) Test Time : 168 h (3) Check point : Check the communication (to send word) by client-provided pc and software

※ Additional inspection and verification shall be constructed by a client.

Test Result

Report No. : Reliability

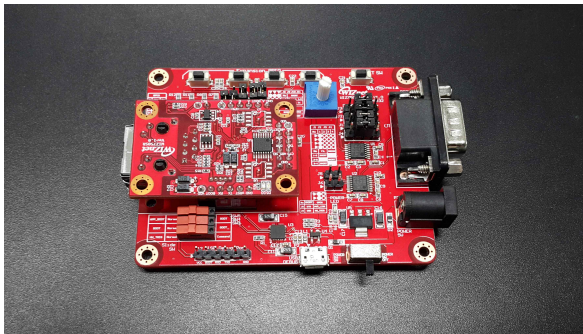
□ Test procedure



- Before test : Check the operation
- Low Temperature Operation Test
- Check the operation
- High Temperature Operation Test
- Check the operation
- After test : Check the operation

1.3 Test sample

- Test sample : Serial to Ethernet
- Product(model) & Quantity : WIZ750SR [1 ea] / WIZ550SR [1 ea]



(a) WIZ750SR



(b) WIZ550SR

Fig 1. Samples

1.4 Test standard & Test method

- Test standard & Test method : Presented by client

Test Result

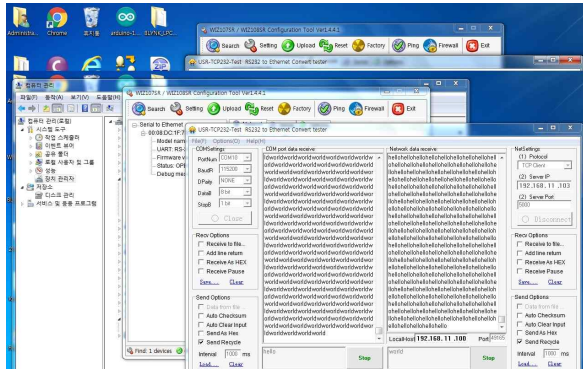
Report No. : Reliability

2. Test Result

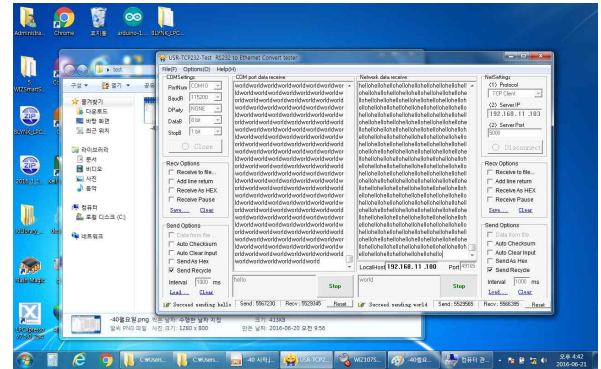
Test Item	sampes	Test condition	Check
Low Temperature Operation Test	WIZ750SR	(1) Test Temp. : $(-40 \pm 3) ^\circ\text{C}$ (2) Test Time : 168 h (3) Check point : Check the communication (to send word) by client-provided pc and software	O.K
	WIZ550SR		O.K
High Temperature Operation Test	WIZ750SR	(1) Test Temp. : $(85 \pm 2) ^\circ\text{C}$ (2) Test Time : 168 h (3) Check point : Check the communication (to send word) by client-provided pc and software	O.K
	WIZ550SR		O.K

Test Result

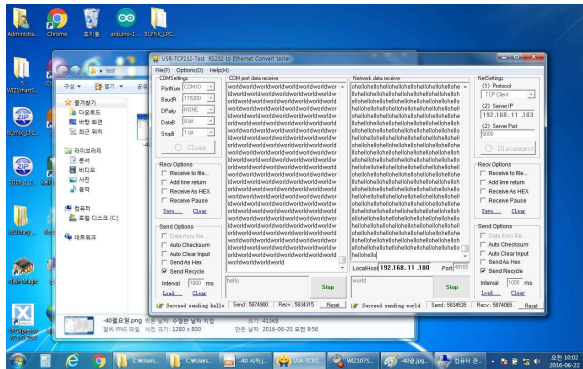
Report No. : Reliability



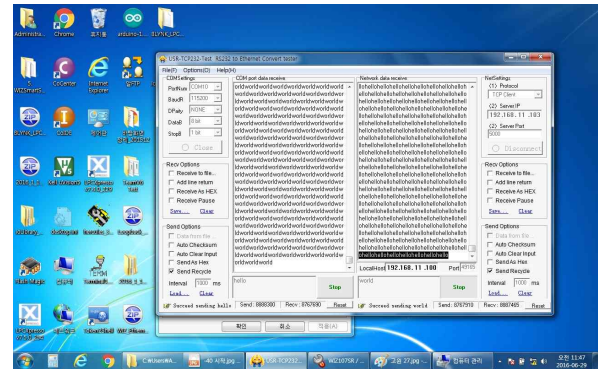
(a) low temperature operation test -start



(b) low temperature operation test -end



(c) high temperature operation test -start

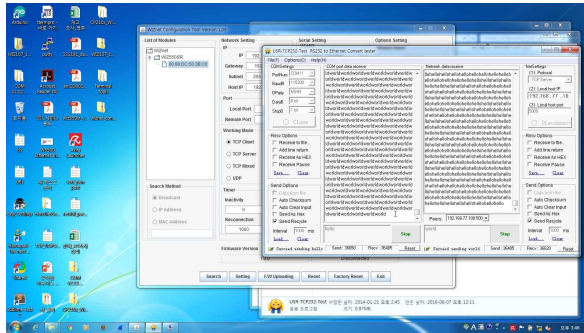


(d) high temperature operation test -end

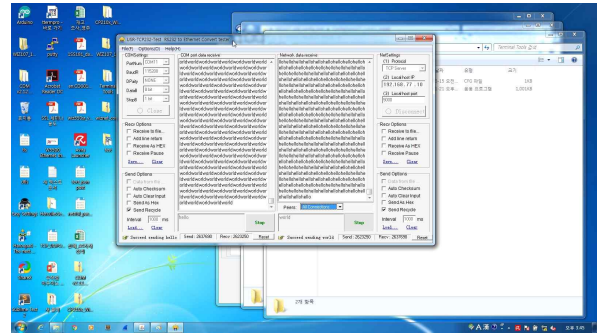
Fig 2. Check the communication (WIZ750SR)

Test Result

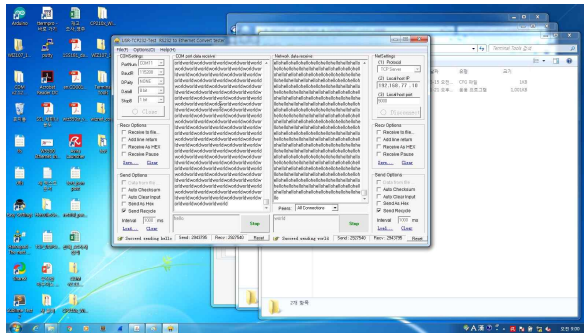
Report No. : Reliability



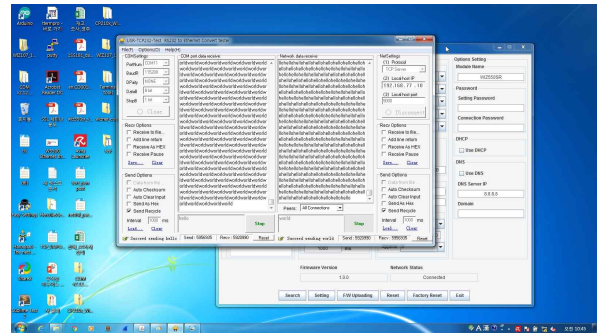
(a) low temperature operation test -start



(b) low temperature operation test -end



(c) high temperature operation test -start



(d) high temperature operation test -end

Fig 3. Check the communication (WIZ550SR)

Test Result

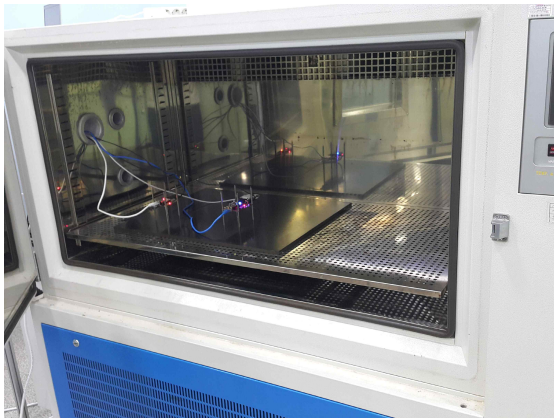
Report No. : Reliability

3. Photo of test

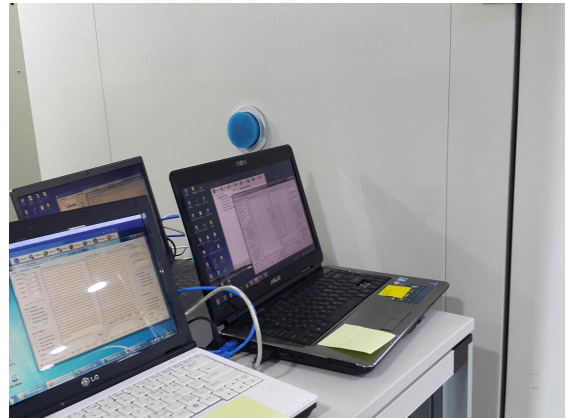
3.1 Test equipment

Test equipment	Model Number	Model (Manufacturers)
Temperature & Humidity Chamber	2274	SE-CT-10 (Suksan Technology)

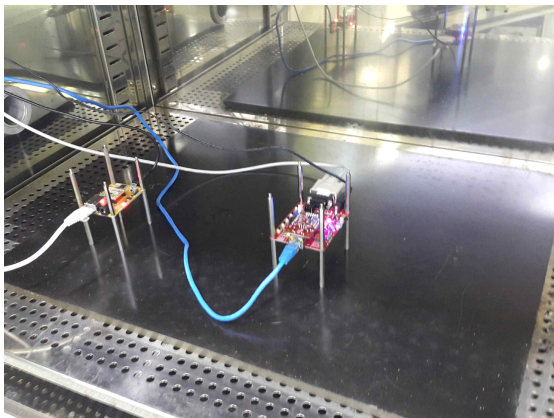
3.2 Photo(s) of test



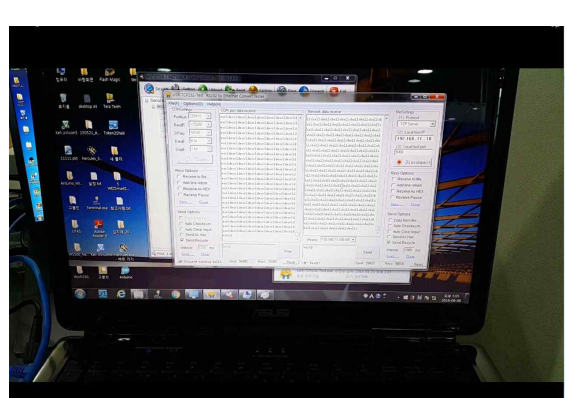
(a) Test Photo (1)



(b) Test Photo (2)



(c) Test Photo (3)



(d) Test Photo (4)

Fig 4. Photo of test