

TEST REPORT

The following tested product(s) were submitted and identified by the vendor as:

Customer : E-LEAD ELECTRONIC CO., LTD.
Address : NO.37 Gungdung 1ST RD., Shengang
Shiang, Changhua, 509, TAIWAN, R.O.C. (Chuan-Hsin
Industrial Park)
Test lab. : OPTICS LAB. SGS Taiwan Ltd.
Product : Project Air
Model name : EL-104-0006
Brand Name : E-LEAD
Manufacturer : E-LEAD ELECTRONIC CO., LTD.
Test Standard/Method : According to Client's Test Methods
Rating : N.A.
Date of Issue : Jan. 29, 2018

- ◆ The test results are solely accountable for the testing samples.
- ◆ All reported contents shall not be used for advertising, publication, marketing strategies and legal proceedings.
- ◆ Excerpts taken from the report will not be valid unless otherwise stated in the laboratory agreement.

Test Results : -PLEASE SEE ATTACHED SHEETS-

Signed for and on behalf of
SGS TAIWAN Ltd.



Calvin Tzou
Technical Manager

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1 DATE(S) OF PERFORMANCE OF THE TEST

Jan. 24, 2018

2 IDENTITY OF SAMPLES

Quantity	model	S/N
1	EL-104-0006	# 1

3 TEST STANDARD AND PROCEDURE

3.1 Virtual Image Distance

Focal length verification was based on the following principles of physical and object imaging:

3.1.1 Zero Parallax Test

The test was conducted according to client's test methods, referring to PHYSICS INSIGHTS 'o' level, 2nd Edition and A-Level PHYSICS FOURTH EDITION, utilizing the principle of geometry. Two non-parallel straight lines intersect at one point, and move back and forth to conduct real image and virtual image comparison by the two cameras, you can get the virtual image of the imaging distance.

3.1.2 CCD Camera Validation

The test was conducted according to client's test methods, using monocular lens to adjust the focal length to the real image position, and compared virtual image position to obtain the imaging distance.

3.2 The Ratio of Object to Virtual Image

The test was conducted according to client's test methods. After determining the virtual image distance of Cl. 3.1, measure physical diagonal dimensions of image and virtual image to obtain the ration of physical and virtual image dimensions.

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4 TEST CONDITIONS

Environmental Conditions:

Ambient temperature: (25 ± 5) °C
 Relative humidity: (60 ± 20) %RH
 Air pressure: 86 kPa to 106 kPa

DUT Conditions:

Folded Dimension: L 184 mm x W 130 mm x H 26 mm
 Full Dimension: L 184 mm x W 112 mm x H 163 mm
 Weight: < 350 g

5 TEST RESULTS

5.1 Virtual Image distance

5.1.1 Zero Parallax Test

S/N	Observation distance	Lens to focus distance	Observation focus distance
# 1	30 cm	120 cm	150 cm

5.1.2 CCD Camera Validation

S/N	Observation distance	Observation focus distance
# 1	30 cm, Clear imaging	150 cm, Clear imaging

5.2 The ratio of object to virtual image

S/N	Virtual image diagonal dim.	DUT diagonal dim.	Ratio of object to virtual image	Average Ratio
# 1	28.39 Inch	5.5 Inch	5.22	5.235
# 1	28.54 Inch	5.5 Inch	5.25	

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6 PHOTO



Front View (Folded)



Back View (Folded)

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Side View (Folded)



DUT (Folded)

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Front View (Full)



Back View (Full)

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Side View (Full)



DUT (Full)

- End of Report -

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