

Test Report

Report No. : 1812C60241113301-M1

Applicant : EDA Technology Shanghai Co.,Ltd

Address : Building 29, No.1661 Jialuo Road, Jiading
District, Shanghai, PRC

Product Name : ED-HMI3020

Report Date : 2026-07-02

Shenzhen Anbotek Compliance Laboratory Limited



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TEST REPORT

Applicant : EDA Technology Shanghai Co.,Ltd
Manufacturer : EDA Technology Shanghai Co.,Ltd.
Product Name : ED-HMI3020
Model No. : ED-HMI3020, ED-IPC2000, ED-IPC2400, ED-IPC3020, ED-CM4NANO,
ED-HMI2002, ED-HMI2020, ED-HMI3010, ED-PAC3020, ED-CLAWBOX,
ED-IPC3400, ED-GWL2010
Trade Mark : EDATEC

Test Standard(s) : EN 18031-1:2024

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt: 2026-04-27

Date of Test: 2026-04-27~2026-06-01

Prepared By:

Gavin Zhou

(Gavin Zhou)

Approved & Authorized Signer:

Jules Guo

(Jules Guo)

Revision History

Report Version	Description	Issued Date
R01	Original Issue.	2026-07-02

1. General Information

1.1. Client Information

Applicant	:	EDA Technology Shanghai Co.,Ltd
Address	:	Building 29, No.1661 Jialuo Road, Jiading District, Shanghai, PRC
Manufacturer	:	EDA Technology Shanghai Co.,Ltd
Address	:	Building 29, No.1661 Jialuo Road, Jiading District, Shanghai, PRC
Factory	:	Dongguan Taijie Electronics Technology Co.,Ltd
Address	:	6# Building, Sanjia Industrial Park,DongkengTown, Dongguan, Guangdong, PRC

1.2. Description of Device (EUT)

Product Name	:	ED-HMI3020
Model No.	:	ED-HMI3020, ED-IPC2000, ED-IPC2400, ED-IPC3020, ED-CM4NANO, ED-HMI2002, ED-HMI2020, ED-HMI3010, ED-PAC3020, ED-CLAWBOX, ED-IPC3400, ED-GWL2010
Trade Mark	:	EDATEC
Test Sample No.	:	1812C602411133-1-2-1, 1812C602411133-1-2-2
Hardware version	:	ED-IPC30x0 Rev01
Software version	:	6.6.31-rpi-2712
APP (Andriod)	:	N/A
APP (iOS)	:	N/A

Remarks:

- 1) The test report 1812C60241113301-M1 supersedes the test report 1812C60241113301 which is withdrawn.
- 2) For a more detailed feature description, please refer to the manufacturer's specifications or the user's manual.

1.3. Objective

	Commission Delegated Regulation (EU) 2022/30 supplementing Article 3.3 (d) (e) (f) of Directive 2014/53/EU	Result
3.3 (d)	EN 18031-1:2024	P
3.3 (e)	EN 18031-2:2024	N/A
3.3 (f)	EN 18031-3:2024	N/A

Remark:

If all security items pass the restriction requirements, it is judged as **Pass**. If any project does not meet the safety requirements or the testing process does not meet the standards, it will be judged as **Fail**.

1.4. Test Instrument Used

Equipment	Equipment No.	Manufacturer	Model
Computer	AB01-01564	GMKtec	M5 PLUS (Windows10)
Computer	AB01-01565	GMKtec	M5 PLUS (Kali Linux)

Software	Software No.	Manufacturer	Version
Wireshark	WXZC-00057	Wireshark	4.6.5
Nmap	WXZC-00058	Insecure	7.99
NessusPro	WXZC-00061	Tenable	10.12.0

1.5. Description of Test Facility

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

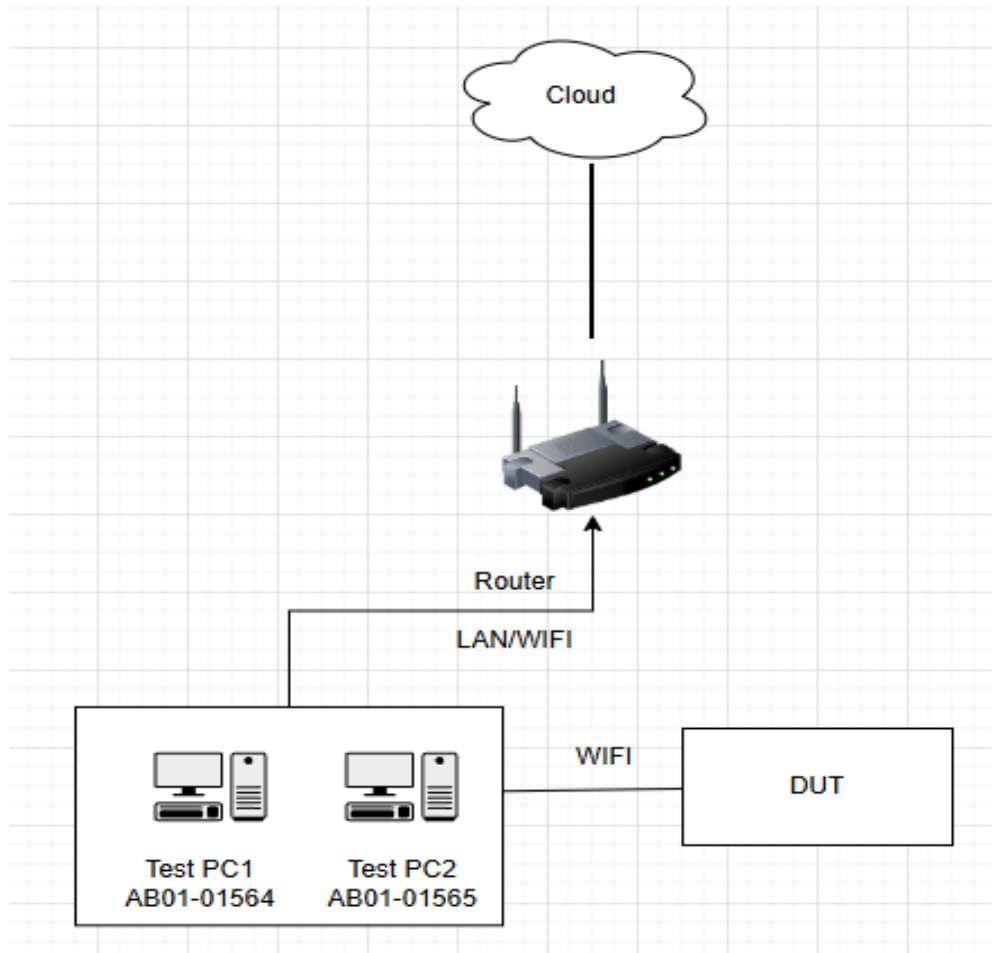
Sogood Industrial Zone Laboratory & 1/F. of Building D, 4/F. of Building A, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.6. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.
7. The data in this report will be synchronized with the corresponding national market supervision and management departments and cross-border e-commerce platforms as required by regulatory agencies.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2. Test Environment



Product Network Connection Diagram

3. Summary of The Security Requirements (EN 18031-1)

Clause	Requirement + Test	Remark	Verdict
6	[ACM] Access control mechanism		
6.1.1	[ACM-1] Applicability of access control mechanisms	Appropriate access control mechanisms apply to protect assets.	P
6.1.2	[ACM-2] Appropriate access control mechanisms		P
6.2	[AUM] Authentication mechanism		
6.2.1	[AUM-1] Applicability of authentication mechanisms	Appropriate authentication mechanisms are applied to prevent unauthorized access.	P
6.2.2	[AUM-2] Appropriate authentication mechanisms		P
6.2.3	[AUM-3] Authenticator validation		P
6.2.4	[AUM-4] Changing authenticators		P
6.2.5	[AUM-5] Password strength		P
6.2.6	[AUM-6] Brute force protection		P
6.3	[SUM] Secure update mechanism		
6.3.1	[SUM-1] Applicability of update mechanisms	DUT supports software updates to protect assets against vulnerabilities.	P
6.3.2	[SUM-2] Secure updates		P
6.3.3	[SUM-3] Automated updates		P
6.4	[SSM] Secure storage mechanism		
6.4.1	[SSM-1] Applicability of secure storage mechanisms	Unauthorized entities are not permitted to access the assets.	P
6.4.2	[SSM-2] Appropriate integrity protection for secure storage mechanisms		P
6.4.3	[SSM-3] Appropriate confidentiality protection for secure storage mechanisms		P
6.5	[SCM] Secure communication mechanism		
6.5.1	[SCM-1] Applicability of secure communication mechanisms	Appropriate communication mechanisms apply to protect assets.	P
6.5.2	[SCM-2] Appropriate integrity and authenticity protection for secure communication mechanisms		P
6.5.3	[SCM-3] Appropriate confidentiality protection for secure communication mechanisms		P
6.5.4	[SCM-4] Appropriate replay protection for secure communication mechanisms		P

Clause	Requirement + Test	Remark	Verdict
6.6	[RLM] Resilience mechanism		
6.6.1	[RLM-1] Applicability and appropriateness of resilience mechanisms	The equipment has a certain elastic recovery mechanism.	P
6.7	[NMM] Network monitoring mechanism		
6.7.1	[NMM-1] Applicability and appropriateness of network monitoring mechanisms	The DUT is not a network equipment.	N/A
6.8	[TCM] Traffic control mechanism		
6.8.1	[TCM-1] Applicability of and appropriate traffic control mechanisms	The DUT is not a network equipment.	N/A
6.9	[CCK] Confidential cryptographic keys		
6.9.1	[CCK-1] Appropriate CCKs	Appropriate strength of CCKs apply to protect assets.	P
6.9.2	[CCK-2] CCK generation mechanisms		P
6.9.3	[CCK-3] Preventing static default values for preinstalled CCKs		P
6.10	[GEC] General equipment capabilities		
6.10.1	[GEC-1] Up-to-date software and hardware with no publicly known exploitable vulnerabilities		P
6.10.2	[GEC-2] Limit exposure of services via related network interfaces		P
6.10.3	[GEC-3] Configuration of optional services and the related exposed network interfaces	There is no "optional" network interface or service that GEC-3 requires for evaluation.	N/A
6.10.4	[GEC-4] Documentation of exposed network interfaces and exposed services via network interfaces		P
6.10.5	[GEC-5] No unnecessary external interfaces		P
6.10.6	[GEC-6] Input validation		P
6.11	[CRY] Cryptography		
6.11.1	[CRY-1] Best practice cryptography	All used cryptographic algorithms follow industry best practices.	P
Test verdicts description: - test object does meet the requirement: P (Pass) - test object does not meet the requirement: F (Fail) - test case does not apply to the test object: N/A (Not applicable) Possible suffixes to the verdicts: - suffix for detailed information for the client: C (Comment) - suffix for important information for factory inspection: M (Manufacturing)			

APPENDIX I -- PHOTOGRAPHS OF THE EUT



Fig. 1



Fig. 2



Fig. 3



Fig. 4

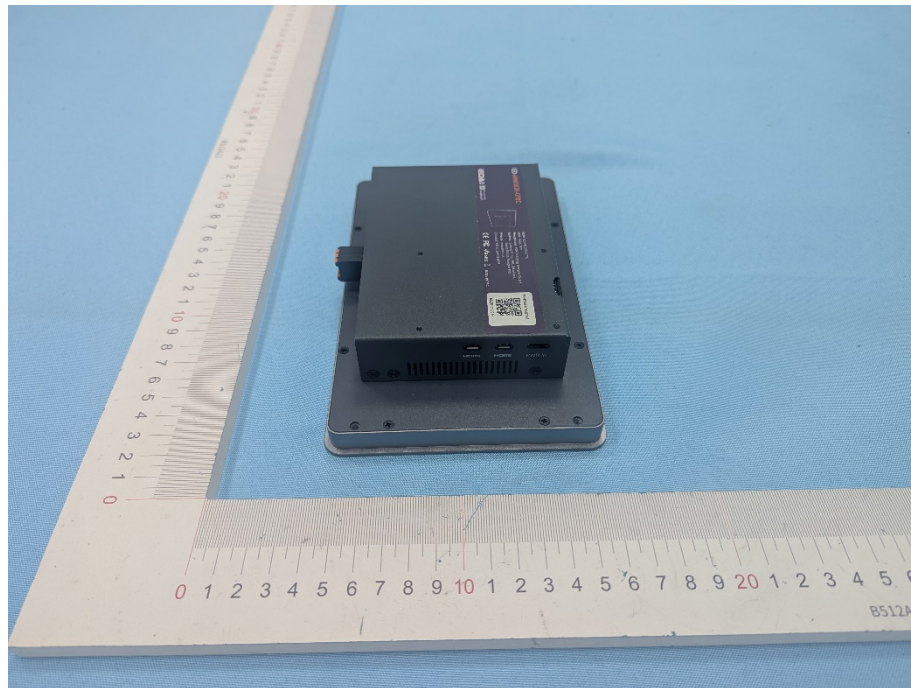


Fig. 5

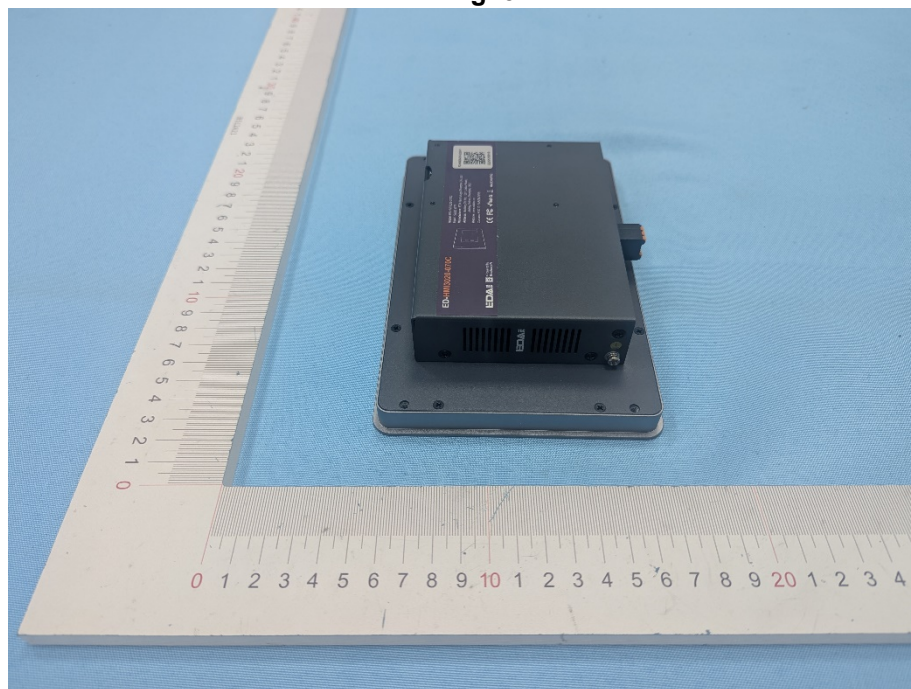


Fig. 6

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