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Please note, Follow-Up Procedure Revisions or Report Revisions do not include Authorization Pages, Indices, Section General, and/or Appendices unless revisions were required or requested.

Should you have any questions, after reviewing the material, or need to report any inaccuracies, please reach out to your UL representative or find UL contact details for your local Customer Service Department at <https://www.ul.com/about/locations>.

Please find attached the related material

For your convenience, the below describes the related updates:

For revised/new documentation, please reference 2022-10-27 in the page headings.
Section(s) A6140 were added.

E158873-volX13-Index
E158873-20221027-CertificateofCompliance
E158873-A6140-DescriptionUL
Figure-10-Total
E158873-A6140-TestRecordUL

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Times change, Trust Remains™

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Product Type	Model/Type Reference	Report Reference #	Status
NETWORK VIDEO RECORDER	XRN-6410B4, XRN-3210B4	E158873-A6027-UL	
NETWORK VIDEO RECORDER	PRN-6410B4, PRN-3210B4, XRP-4210B4, PRN-6400B4, PRN-3200B4	E158873-A6028-UL	
NETWORK VIDEO RECORDER	XRN-6410DB4	E158873-A6029-UL	
NETWORK VIDEO RECORDER	PRN-6410DB4, XRP-4310DB4, PRN-6400DB4	E158873-A6030-UL	
NETWORK CAMERA	PNM-9002VQ	E158873-A6031-UL	
NETWORK CAMERA	XNF-9010RV, XNF-9010RVM, XNF-9010RS	E158873-A6032-UL	
NETWORK CAMERA	PNM-9000QB	E158873-A6033-UL	
NETWORK CAMERA	XNP-9300RW, XNP-8300RW, XNP-6400RW	E158873-A6034-UL	
NETWORK CAMERA	TNV-8010C, TNV-8011C	E158873-A6035-UL	
OUTDOOR NETWORK CAMERA	PNM-8082VT	E158873-A6036-UL	
THERMAL CAMERA	TNM-3620TDY	E158873-A6037-UL	
DIGITAL VIDEO RECORDER	HRX-1621* (* is Blank or N or P : P=PAL, N=NTSC)	E158873-A6038-UL	
NETWORK CAMERA	PNM-9022V	E158873-A6039-UL	
NETWORK CAMERA	PNM-9322VQP	E158873-A6040-UL	
DIGITAL VIDEO RECORDER	HRX-821* (* is Blank or N or P : P=PAL, N=NTSC)	E158873-A6041-UL	
NETWORK I/O BOX	SPM-4210	E158873-A6042-UL	
NETWORK VIDEO RECORDER	XRN-2011*, XRN-2010*, XRN-3010*, XRN-1610*, XRN-2010P/DM, XRN-3010P/DM, XRN-3010A, XRN-2011A, XRN-2010A, XRN-1610A (* is blank or N or P: N=NTSC, P=PAL)	E158873-A6043-UL	
PUBLIC VIEW MONITOR	SMT-2730PV	E158873-A6044-UL	
PUBLIC VIEW MONITOR	SMT-3230PV	E158873-A6045-UL	
CAMERA HOUSING	SHB-9000H	E158873-A6046-UL	
PUBLIC VIEW MONITOR	SMT-1030PV	E158873-A6047-UL	
NETWORK CAMERA	XNP-9250R, XNP-8250R, XNP-6400R	E158873-A6049-UL	
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NETWORK CAMERA	ONO-9081R	E158873-A6051-UL	
NETWORK CAMERA	ONV-9081R	E158873-A6052-UL	
NETWORK VIDEO RECORDER	XRN-1620B2	E158873-A6053-UL	

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NETWORK CAMERA	PNB-A6001	E158873-A6059-UL	
NETWORK CAMERA	PND-A6081RV, PND-A6081RF	E158873-A6060-UL	
NETWORK CAMERA	PNO-A6081R	E158873-A6061-UL	
LENS MODULE	SLA-T2480*, SLA-T2480V*, SLA-T4680*, SLA-T4680V*, SLA-T4680D, SLA-T4680DW, SLA-T4680DS, SLA-T2415, SLA-T2815B, SLA-T2480A, SLA-T2480VA, SLA-T4680A, SLA-T4680VA (* is blank or N or P: N = NTSC, P=PAL)	E158873-A6062-UL	
NETWORK CAMERA	PNV-A6081R	E158873-A6063-UL	
NETWORK CAMERA	XNB-6001*, XNB-H6240A, XNB-H6242A	E158873-A6064-UL	
NETWORK THERMAL CAMERA	TNO-3030T, TNO-3020T, TNO-3010T, TNO-3040T, TNO-3050T	E158873-A6067-UL	
NETWORK CAMERA	QNP-6320, QNP-6250, QNP-6251	E158873-A6068-UL	
NETWORK CAMERA	QNP-6320H, QNP-6250H	E158873-A6069-UL	
NETWORK CAMERA	XNV-C9083R, XNV-C8083R, XNV-C7083R, XNV-C6083R, XNV-C6083	E158873-A6070-UL	
NETWORK CAMERA	TID-600R	E158873-A6071-UL	
DIGITAL VIDEO RECORDER	HRX-1632, HRX-835	E158873-A6072-UL	
LED MONITOR	SMT-4343	E158873-A6073-UL	
NETWORK CAMERA	TNO-7180R	E158873-A6075-UL	
NETWORK CAMERA	XND-C9083RV, XND-C8083RV, XND-C7083RV, XND-C6083RV	E158873-A6076-UL	
NETWORK CAMERA	PNM-9031RV	E158873-A6077-UL	
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NETWORK CAMERA	QNV-7082R	E158873-A6081-UL	
NETWORK CAMERA	XNO-C9083R, XNO-C8083R, XNO-C7083R, XNO-C6083R	E158873-A6082-UL	
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NETWORK CAMERA	LNO-6012R, LNO-6022R, LNO-6032R, ANO-L6012R, ANO-L6022R	E158873-A6107-UL	
NETWORK CAMERA	ANO-L7022R, ANO-L7012R	E158873-A6108-UL	
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NETWORK CAMERA	ANV-L7012R	E158873-A6110-UL	
NETWORK CAMERA	XNZ-6320A	E158873-A6111-UL	
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NETWORK CAMERA	PNM-A9083RVD, PNM-A7083RVD, PNM-C12083RVD, PNM-C7083RVD	E158873-A6113-UL	
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NETWORK VIDEO RECORDER	QRN-1630S, XRN-815S	E158873-A6116-UL	
NETWORK CAMERA	ANO-L7082R, ANO-L6082R	E158873-A6117-UL	
THERMAL NETWORK CAMERA	TNM-C4940TD, TNM-C4950TD, TNM-C4960TD	E158873-A6118-UL	
NETWORK CAMERA	ANE-L7012R, ANE-L6012R	E158873-A6119-UL	
NETWORK CAMERA	PNM-12082RVD, PNM-7082RVD	E158873-A6120-UL	
NETWORK CAMERA	ANV-L7082R, ANV-L6082R	E158873-A6121-UL	
DIGITAL VIDEO RECORDER	HRX-1635	E158873-A6122-UL	
DIGITAL VIDEO RECORDER	HRX-835A	E158873-A6123-UL	
NETWORK CAMERA	XNF-9013RV	E158873-A6124-UL	
NETWORK VIDEO ENCODER	SPE-1630	E158873-A6125-UL	
NETWORK VIDEO RECORDER	QRN-430S, ARN-410S	E158873-A6126-UL	
NETWORK VIDEO RECORDER	XRN-420S	E158873-A6127-UL	

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NETWORK VIDEO RECORDER	ARN-810S	E158873-A6129-UL	
NETWORK CAMERA	XNV-9083RZ, XNV-8083RZ, XNV-6083RZ	E158873-A6130-UL	
DIGITAL VIDEO RECORDER	HRX-434	E158873-A6131-UL	
NETWORK CAMERA	XNV-8083Z, XNV-6083Z	E158873-A6132-UL	
NETWORK VIDEO ENCODER	SPE-420	E158873-A6133-UL	
DIGITAL VIDEO RECORDER	HRX-435	E158873-A6135-UL	
DIGITAL VIDEO RECORDER	HRX-1634	E158873-A6136-UL	
VIDEO DECODER	SPD-152	E158873-A6137-UL	
NETWORK CAMERA	PNM-C9022RV	E158873-A6138-UL	
SECURITY LED MONITOR	SMT-2212	E158873-A6140-UL	

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2240290-0
Report Reference E158873-20221027
Date 31-Oct-2022

Issued to: Hanwha Techwin Co Ltd
6, Pangyo-ro 319beon-gil, Bundang-gu Seongnam-si,
Gyeonggi-do 13488
Republic of Korea

This is to certify that representative samples of AZOT7 - Audio/Video, Information and Communication Technology Equipment Certified for Canada
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: CSA C22.2 No. 62368-1:19, 3rd Ed., Issue Date: 2019-12-13, Revision Date: 2021-10-22

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2240290-0
Report Reference E158873-20221027
Date 31-Oct-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SMT-2212	SECURITY LED MONITOR



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2242196-0
Report Reference E158873-20221027
Date 31-Oct-2022

Issued to: Hanwha Techwin Co Ltd
6, Pangyo-ro 319beon-gil, Bundang-gu Seongnam-si,
Gyeonggi-do 13488
Republic of Korea

This is to certify that representative samples of AZOT - Audio/Video, Information and Communication Technology Equipment
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 62368-1, 3rd Ed., Issue Date: 2019-12-13, Revision Date: 2021-10-22

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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Look for the UL Certification Mark on the product.

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2242196-0
Report Reference E158873-20221027
Date 31-Oct-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SMT-2212	SECURITY LED MONITOR



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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UL TEST REPORT AND PROCEDURE

Standard:	UL 62368-1, 3rd Ed, 2021-10-22 (Audio/video, information and communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1:19, 3rd Ed, 2021-10-22 (Audio/video, information and communication technology equipment Part 1: Safety requirements)
Certification Type:	Listing
CCN:	AZOT, AZOT7 (Audio/video, Information and Communication Technology Equipment)
Complementary CCN:	N/A
Product:	SECURITY LED MONITOR
Model:	SMT-2212
Rating:	12 Vdc, 2.5 A
Applicant Name and Address:	HANWHA TECHWIN CO LTD 6, PANGYO-RO 319BEON-GIL, BUNDANG-GU SEONGNAM-SI GYEONGGI-DO 13488 KOREA

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL LLC ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Prepared By: Lawrence Lee / Project Handler Reviewed By: SeulKi Park / Reviewer

Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

A. Authorization - The Authorization page may include additional Factory Identification Code markings.

B. Generic Inspection Instructions -

- i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report.
- ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report.
- iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

Product Description

Security LED Monitor is supplied by 12 Vdc adaptor (complied with LPS) and consist of main board and numerous components mounted on PCB. This unit have numerous output ports (D-SUB, HDMI). Unit will install wall mount or stand.

Model Differences

N/A

Test Item Particulars

Product group	end product
Classification of use by	Ordinary person
Supply Connection	not mains connected: ES1
Supply tolerance	None
Supply connection – type	N/A
Considered current rating of protective device	N/A
Equipment mobility	movable
Over voltage category (OVC)	OVC I
Class of equipment	Class III
Special installation location	N/A
Pollution degree (PD)	PD 2
Manufacturer's specified Tma (°C)	40
IP protection class	IPX0
Power systems	not AC mains
Altitude during operation (m)	2000 m or less
Altitude of test laboratory (m)	2000 m or less
Mass of equipment (kg)	2.3

Technical Considerations

- ☐ The product was submitted and evaluated for use at the maximum ambient temperature (Tma) permitted by the manufacturer's specification of : 40 °C
- ☐ The product is intended for use on the following power systems : No direct connection
- ☐ Considered current rating of protective device as part of the building installation (A) : N/A

- ☐ Mains supply tolerance (%) or absolute mains supply : No direct connection
- ☐ The equipment disconnect device is considered to be : N/A
- ☐ The following circuit locations (with circuit/schematic designation) were investigated as a limited power source (LPS) : All output ports
- ☐ The following are available from the Applicant upon request : Installation (Safety) Instructions / Manual

Additional Information

4790570088

- All tests were considered necessary for UL/CSA national deviation based upon previous evaluation under CB Scheme. The CB Scheme Test Certificate, Ref. Certi. No. DK-133947-UL and Report Ref. No. C221A060-M0A0 were prepared by UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark.

Additional Standards

The product fulfills the requirements of: N/A

Markings and Instructions

Clause Title	Marking or Instruction Details
Equipment identification marking – Manufacturer identification	Listee's or Recognized Company's name, Trade Name, Trademark or File Number
Equipment identification marking – model identification	Model Number
Equipment rating marking – ratings	Input Ratings (voltage, frequency/dc, current/power) Output Ratings (voltage, frequency/dc, current/power)

Special Instructions to UL Representative

N/A

BD1.0	TABLE: Production-Line Testing Requirements					
BD1.1	Electric Strength Test Special Constructions – Refer to Generic Inspection Instructions, Part AC for further information.					
Model	Component	Removable parts	Test probe location	Test V rms	Test V dc	Test Time, s
-	-	-	-	-	-	-
BD1.2	Earthing Continuity Test Exemptions – This test is not required for the following models:					
	All model					
BD1.3	Electric Strength Test Exemptions – This test is not required for the following models:					
	All model					
BD1.4	Electric Strength Test Component Exemptions – The following solid-state components may be disconnected from the remainder of the circuitry during the performance of this test.					
	All model					

BE1.0	Sample and Test Specifics for Follow-Up Tests at UL				
Model	Component	Material	Test	Sample (s)	Test Specifics
-	-	-	-	-	-

4.1.2	TABLE: List of critical components					Pass
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Product Category CCN(s)	Mark(s) of conformity	Supplement ID
Switching power adapter	FSP GROUP INC	FSP060-DHAN3	Input: 100-240 Vac, 1.8 A, 50-60 Hz, Output: 12.0 Vdc, 5.0 A, 60.0 W	QQJQ2	UL (E190414)	
Power cord set	CHANGZHOU HONG CHANG ELECTRONICS CO LTD	DTII-3P-11+UL SVT 18AWG/3C +DTII- 3P-04	Detachable, Min. 1.5 m, Max. 4.5 m long, rated 125 V, 10 A, 18/3 AWG, 105 deg. C, SVT type flexible cord. One end with NEMA 5-15P the other end with appliance coupler.	ELBZ2	UL (E205766)	
Power cord set - Alternate	WEIHAI HONG LIN ELECTRONIC CO LTD	HL-002S + SVT 18AWG X 3C + HL- 004	Detachable, Min 1.5 m, Max. 4.5 m long, rated 125 V, 10 A, 18/3 AWG, 105 dec. C, SVT type flexible cord. One end with NEMA 5-15P the other end with appliance coupler.	ELBZ2	UL (E254927)	
Enclosure (Plastic)	CHI MEI CORPORATION	PA-757 AB	Min. 1.5 mm thickness, rated HB, Min. 60 deg. C	QMFZ2	UL (E56070)	
LCD Module	WEIHAI DONGSHAN PRECISION MANUFACTURING CO.,LTD.	DW215EF	5.0 Vdc	-	-	
FFC	FOSHAN BAOYU ELECTRONICS TECHNOLOGY CO LTD	20624	VW-1, 80 deg. C, 60 V,	AVLV2	UL (E349103)	
Internal Wiring	Kunshan Xinghongmeng Electronic Co Ltd	10368	VW-1; 300 V, 105 deg. C	AVLV2	UL (E315421)	

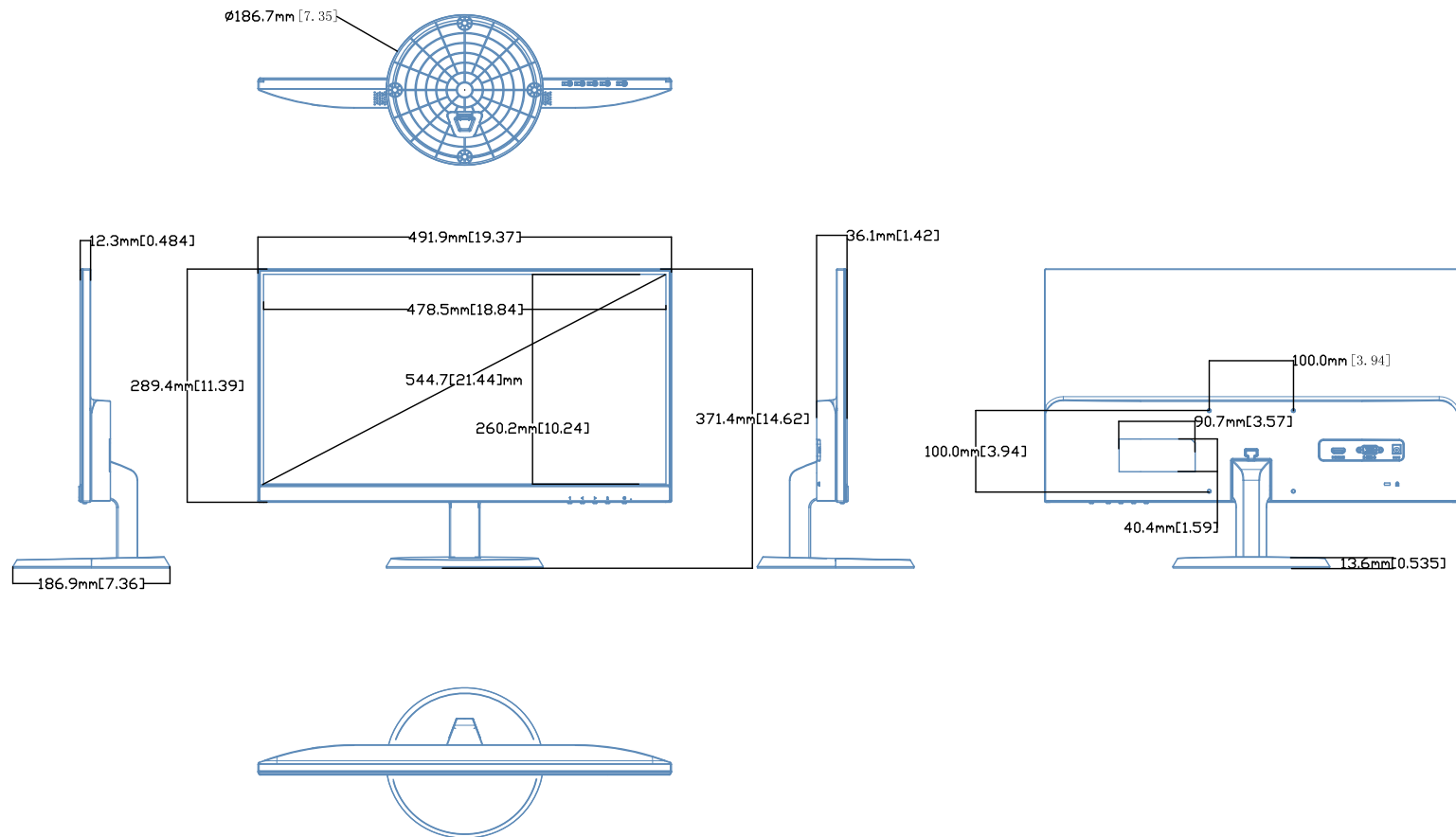
Internal Wiring - Alternate	Interchangeable	Interchangeable	FEP, PTFE, PVC, TFE, neoprene, polyimide or marked VW-1; 300 V, 105 deg. C	AVLV2	UL	
Shrinkable tube	SHENZHEN WOLIDA TRADING CO LTD	RSFR-H-2	VW-1; 600 V, 125 deg. C	YDPU2	UL (E329530)	
Shrinkable tube - Alternate	Interchangeable	Interchangeable	VW-1; 600 V, 125 deg. C	YDPU2	UL	
PWB	SHENZHEN FUXIANG TECHNOLOGY CO LTD	FX-M	V-0, 130 deg. C	ZPMV2	UL (E302652)	
PWB - Alternate	Worldtong Technology Co., Ltd.	SY04(ASP1)	V-0, 130 deg. C	ZPMV2	UL (E326265)	
PWB - Alternate	GUANGZHOU TAIHUA MULTILAYER CIRCUIT BOARD CO LTD	ST-02, ST-02A	V-0, 130 deg. C	ZPMV2	UL (E310229)	
PWB - Alternate	MEIZHOU DINGTAI P C B CO LTD	DT-4	V-0, 130 deg. C	ZPMV2	UL (E320008)	
PWB - Alternate	Fujian Milky-way Technology Co Ltd	MW-ML	V-0, 130 deg. C	ZPMV2	UL (E168066)	
PWB - Alternate	Interchangeable	Interchangeable	V-0, 130 deg. C	ZPMV2	UL	
Label	Interchangeable	Interchangeable	Min. 40 deg. C if max. surface temperature not specified.	PGDQ2 or PGJI2	UL	

Enclosures

Type	Supplement Id	Description
Photographs	03-01	External View - 1
Photographs	03-02	External View - 2
Photographs	03-03	Internal View
Photographs	03-04	Ports View
Photographs	03-05	Stand View
Photographs	03-06	Main Board - Top
Photographs	03-07	Main Board - Bottom
Diagrams	04-01	Enclosure Diagram
Manuals	06-01	Manual
Miscellaneous	07-01	Label

The following Page(s) are related to Diagrams-01. The next supplement, if applicable, will be identified with a new Supplement Page Heading.

SMT-2212



The following Page(s) are related to Manuals-01. The next supplement, if applicable, will be identified with a new Supplement Page Heading.

IMPORTANT SAFETY INSTRUCTIONS

- Read these operating instructions carefully before using the unit.
Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.
- 1) Read these instructions.
 - 2) Keep these instructions.
 - 3) Heed all warnings.
 - 4) Follow all instructions.
 - 5) Do not use this apparatus near water.
 - 6) Clean the contaminated area on the product surface with a soft, dry cloth or a damp cloth.
(Do not use a detergent or cosmetic products that contain alcohol, solvents or surfactants or oil constituents as they may deform or cause damage to the product.)
 - 7) Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
 - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - 9) Do not defeat the safety purpose of the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 11) Only use attachments/accessories specified by the manufacturer.
 - 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
 - 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Standards Approvals



- Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

BEFORE START

- You have to keep in mind the following notices :
- Hanwha Techwin retains the copyright on this manual.
 - This manual cannot be copied without Hanwha Techwin's prior written approval.
 - We are not liable for any or all losses to the product incurred by your use of non-standard product or violation of instructions mentioned in this manual.
 - Contact the retailer for troubleshooting help.

SAFETY INSTRUCTIONS

Power		
Do not use a damaged power cord or plug or a damaged or loose power outlet. Otherwise, this may result in electric shock or fire.	Do not touch the power plug with wet hands when removing or plugging the plug into the outlet. Otherwise, this may result in electric shock	Make sure to connect the power cord to a grounded power outlet. Otherwise, it may result in electric shock or personal injury.
Ensure that the power plug is plugged into the power outlet firmly and correctly. Otherwise, this may result in fire.	Do not forcefully bend or pull the power plug and do not place any heavy material on it. Otherwise, this may result in fire.	Do not connect multiple appliances to the same power outlet. Otherwise, this may cause fire due to overheating.
Do not disconnect the power cord while using the product. Otherwise, this may result in damage to the product due to electric shock.	To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable. Otherwise, this may cause electric shock or fire.	Use only the power cord provided by our company. Do not use the provided power cord of another product. Otherwise, this may result in fire or electric shock.
Connect the power plug to a wall outlet that can be easily reached. When a problem occurs with the product, you must unplug the power plug to cut the power off completely. You cannot cut the power off completely using only the power button on the product.		
Installation		
Ensure that at least two persons lift and move the product. Otherwise, it may be dropped and cause personal injury, and/ or damage the product.	When installing the product in a cabinet or rack, make sure that the front end of the bottom of the product does not project out. - Otherwise, it may fall or cause personal injury. - Use a cabinet or rack of a size appropriate to the product.	Do not place candles, mosquito repellent, cigarettes and any heating appliances near the product. Otherwise, this may result in fire.
Keep heating appliances as far away from the power cord or the product as possible. Otherwise, this may result in electric shock or fire.	Do not install it in a badly ventilated location such as a bookcase or closet. Otherwise, this may result in fire due to an increase in the internal temperature.	When putting the product down, make sure to put it down softly. Otherwise, this may result in damage to the screen display.

Do not place the front of the product on the floor. Otherwise, this may result in damage to the screen display.	Ensure that an authorized installation company installs the wall mount. - Otherwise, it may fall and cause personal injury. - Make sure to install the specified wall mount.	Install your product in a well ventilated location. Ensure that there is a clearance of more than 4 inches (10 cm) from the wall. Otherwise, it may result in fire due to an increase in the internal temperature.
Ensure that the packaging vinyl is kept away from children. Otherwise, it may result in serious harm (suffocation) if children play with it.	If the height of your monitor is adjustable, do not place any object or part of your body on the stand when lowering it. This may cause damage to the product or the person carrying it.	
Clean		
Do not spray cleaner directly onto the surface of the product. Otherwise, this may result in the discoloration and distortion of the structure and the screen surface may peel off.	When cleaning the power plug pins or dusting the power outlet, clean it with a dry cloth. Otherwise, it may result in fire.	When cleaning the product, make sure to disconnect the power cord. Otherwise, it may result in electric shock or fire.
When cleaning the product, disconnect the power cord and clean it with a soft, dry cloth. (Do not use chemicals such as wax, benzene, alcohol, thinner, mosquito repellent, lubricant, or cleaner.) These may change the appearance of the product surface and peel off the indication labels on the product.	Since the product housing is easily scratched, make sure to use the specified cloth only.	When cleaning the product, do not spray water directly onto the main body of the product. - Ensure that water does not enter the product and that it is not wet. - Otherwise, this may result in electric shock, fire or a malfunction.

Others		
The product is a high voltage product. Do not disassemble, repair or modify the product yourself. • Otherwise, this may result in electric shock or fire. If the product needs to be repaired, contact a Service Center.	If there is a strange smell or a strange sound or smoke is coming from the product, disconnect the power plug immediately and contact a Service Center. • Otherwise, this may result in electric shock or fire.	Do not place this product in a location exposed to moisture, dust, smoke, water, or in a car. • Otherwise, this may result in electric shock or fire.
When you drop the product or the case is broken, turn the power off and disconnect the power cord. Contact a Service Center. • Otherwise, this may result in electric shock or fire.	Never touch the power cord during a thunderstorm because it could be extremely dangerous. • Otherwise, this may result in electric shock or fire.	Do not try to move the monitor by pulling only the wire or the signal cable. • Otherwise, it may fall and result in electric shock, damage to the product or fire due to damage to the cable.
Do not lift or move the product back and forwards or right and left while only holding the power cord or signal cables. • Otherwise, it may fall and result in electric shock, damage to the product or fire due to damage to the cable.	Make sure that the ventilating opening is not blocked by a table or curtain. • Otherwise, it may result in fire due to an increase in the internal temperature.	Do not place any containers containing water, vases, flowerpots, medicines as well as any metal on the product. • If water or a foreign material enters the product, disconnect the power cord and contact a Service Center. • This may result in a product malfunction, electric shock, or fire.
Do not use or keep combustible spray or flammable material near the product. • Otherwise, this may result in an explosion or fire.	Do not insert any metal, such as chopsticks, coins, pins and steel, or flammable objects, such as matches or paper, inside the product (through the ventilating openings, input and output terminals, etc). • If water or foreign material enters the product, disconnect the power cord and contact a Service Center. • Otherwise, this may result in electric shock or fire.	When using a fixed screen for a long time, an afterimage or stain may occur. • If you are not going to use the product for an extended period of time, set it to sleep mode.
To avoid eyestrain, do not sit too close to the product.	Do not install it in an unstable location such as an unstable rack or uneven surface or a location exposed to vibrations. • Otherwise, it may fall and cause personal injury and/or damage the product. • If you use the product in a location exposed to vibrations, it may damage the product and result in fire.	If you have to move the product, turn off the power and disconnect the power plug and all the cables connected to the product. • Otherwise, it may result in electric shock or fire.

Ensure that children do not hang onto the product or climb up onto the product. • The product may fall and cause personal injury or death.	If you do not use the product for a long period of time, disconnect the power cord from the power outlet. • Otherwise, this may result in overheating or fire due to dust, and may result in fire due to electric shock or leakage.	Do not place any heavy items or toys or confectionery, such as cookies etc. that may attract the attention of children and to the product. • Your children may hang onto the product causing it to fall and this may result in personal injury or death.
Do not place the product in a location exposed to direct sunlight or near any heat such as a fire or heater. • This may reduce the lifetime of the product, and may result in fire.	Do not drop any objects onto the product or cause any impact to the product. • Otherwise, this may result in electric shock or fire.	Do not use a humidifier near the product. • Otherwise, this may result in electric shock or fire.
When there is a gas leak, do not touch the product or the power plug; ventilate immediately. • If a spark occurs, it may cause an explosion or fire.	If the product has been turned on for a long time, the display panel becomes hot. Do not touch it.	Keep the small accessories in a location out of the reach of children.
Be careful when adjusting the angle of the product or the height of the stand. • This may result in personal injury as your hand or fingers may become caught. • Also, if you tilt the product too far, it may fall and cause personal injury.	Do not install the product in a location low enough for children to reach. • Otherwise, it may fall and result in personal injury. • Since the front part of the product is heavy, install the product on a level and stable surface.	Do not put any heavy objects on the product. • This may result in personal injury and/or damage to the product.

Security LED Monitor(Monitor LED de seguridad)

MODEL(MODELO): SMT-2212

INPUT(ENTRADA): 12V $\equiv$ 2.5A

M/C: SMT-2212/KUS



2022.09 S/N: ZT7871KT800002L

Canada ICES-003 Class A/

Canada NMB-003 Classe A

FACTORY ID : DAEWOO

HANWHA TECHWIN CO., LTD.

MADE IN CHINA



LISTED

I.T.E.

E158873



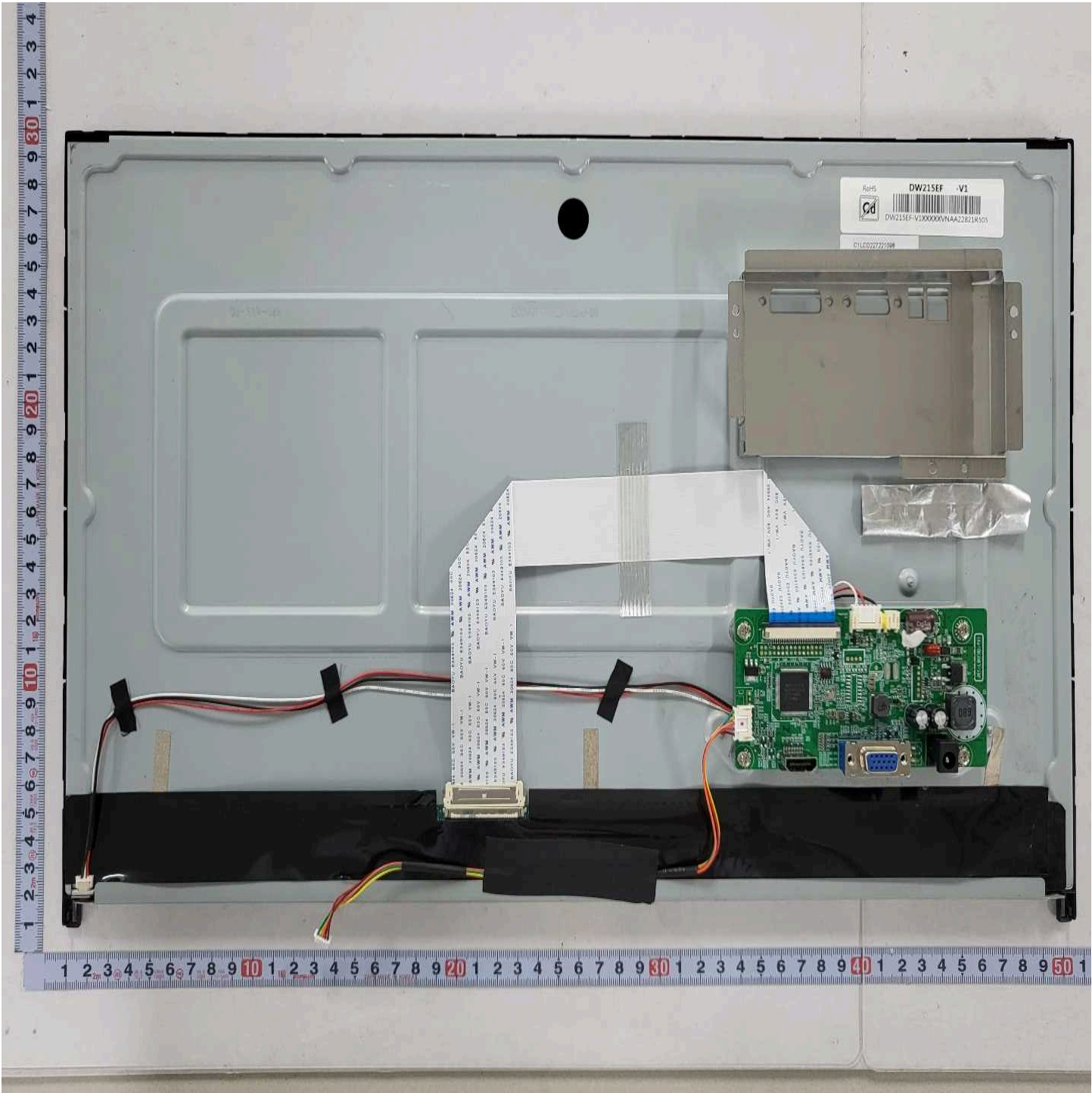
WARNING : TO PREVENT FIRE OR SHOCK HAZARD

DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

AVIS : RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR

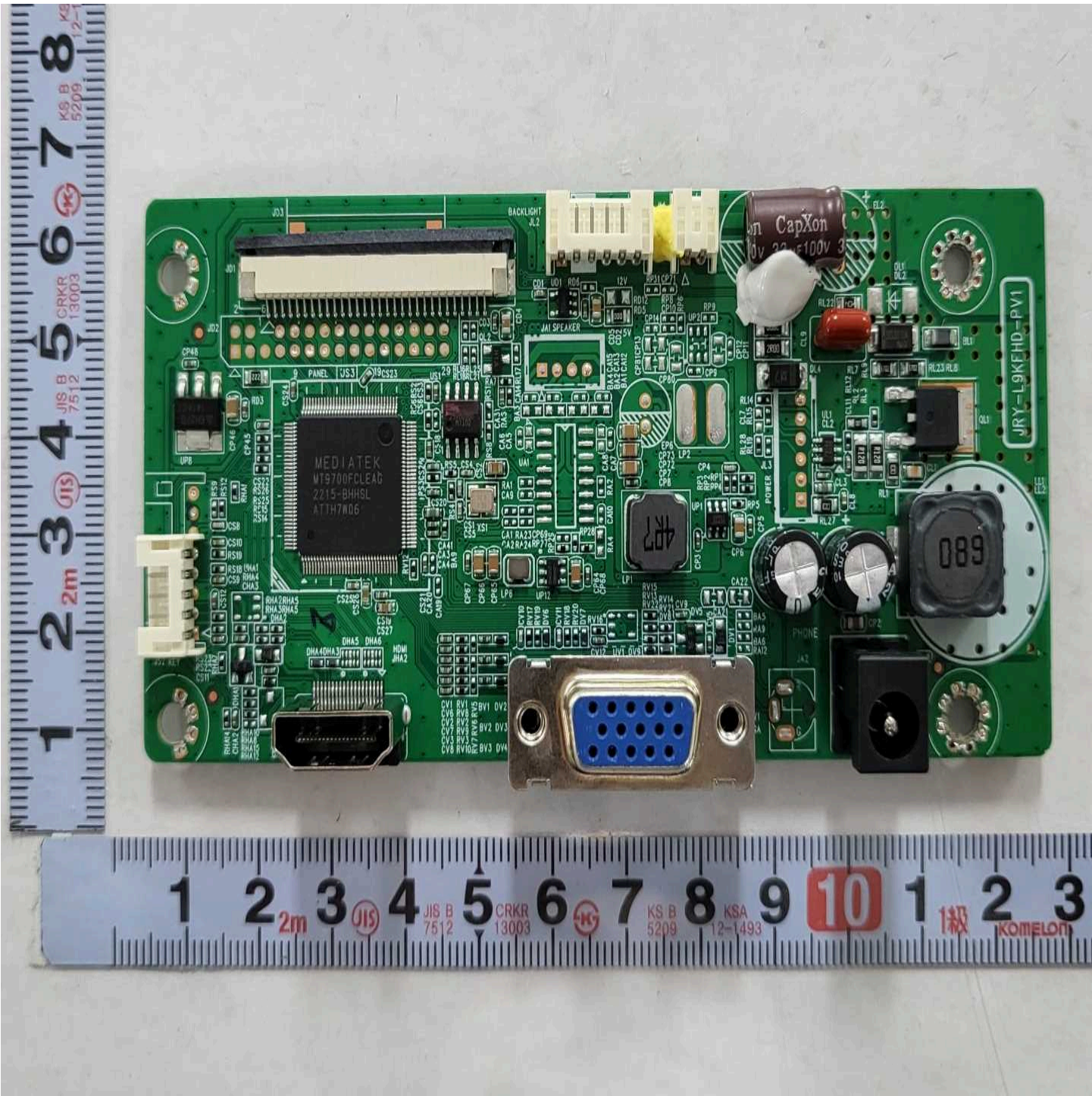


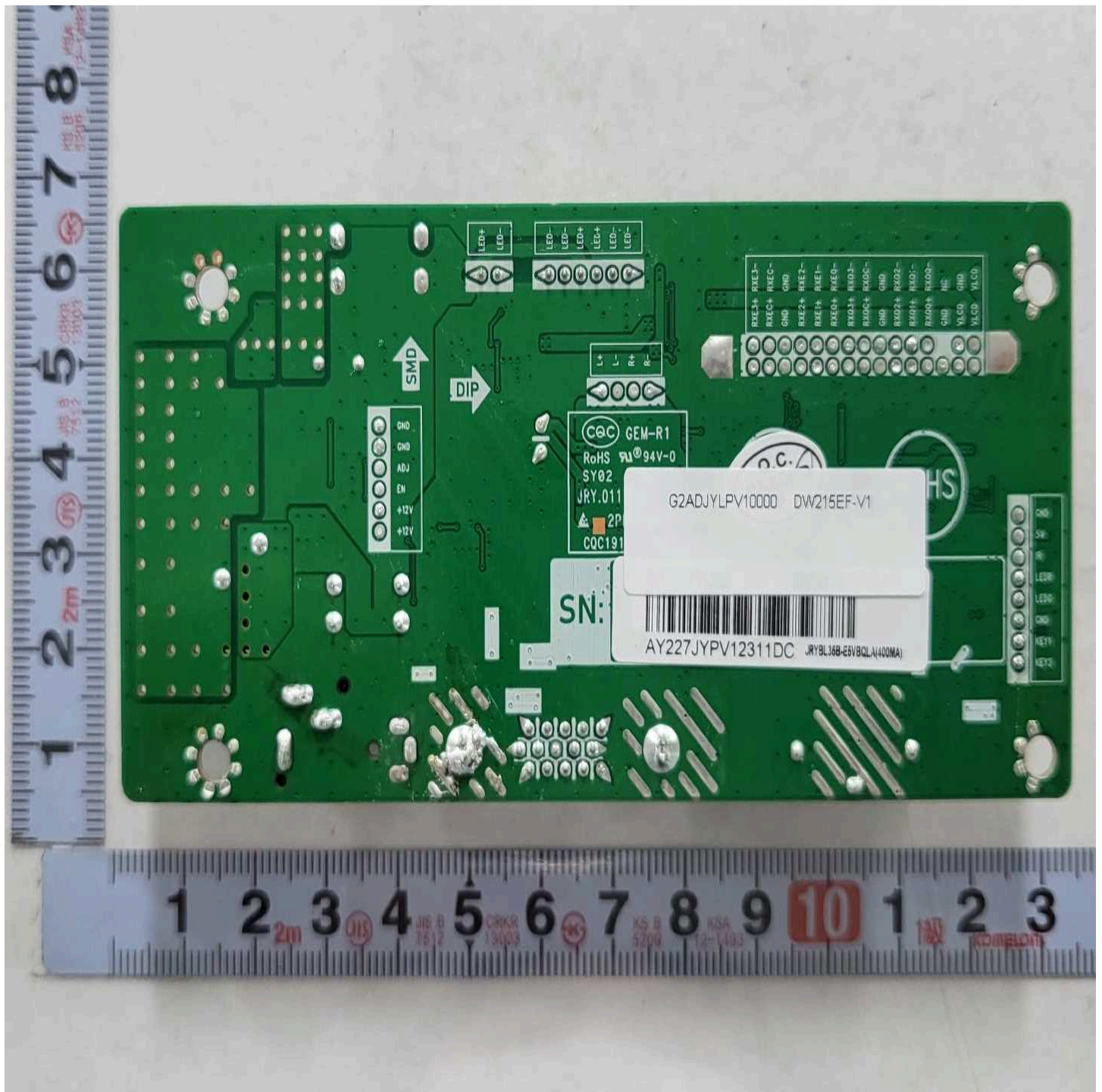












Test Record No. 1

All tests were considered necessary for UL/CSA national deviation based upon previous evaluation under CB Scheme. The CB Scheme Test Certificate, Ref. Certi. No. DK-133947-UL and Report Ref. No. C22IA060-M0A0 were prepared by UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark.

The following tests were conducted:

Tests performed (name of test and test clause):	Testing location: CTK Co., Ltd., 386-1 Ho-dong Yongin-shi, Kyungki-do, 449-100, Korea
The following tests were waived:	Rationale for Waiving
4.4.3.2, T.5 – STEADY FORCE TEST, 250 N	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
4.4.3.4, T.6 - IMPACT TEST	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
4.4.3.8, T.8 – STRESS RELIEF TEST	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
5.2.2.1-5.2.2.6 – CLASSIFICATION OF ELECTRICAL ENERGY SOURCES	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
6.2.2.2, 6.2.2.3 – POWER MEASUREMENTS	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
8.7 – WALL, CEILING, OR OTHER STRUCTURE MOUNTING TESTS	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
B.2.5 – INPUT TEST: SINGLE PHASE	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
B.3 – SIMULATED ABNORMAL OPERATING CONDITIONS	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
B.4 – SIMULATED SINGLE FAULT CONDITIONS	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.
Q.1 – LIMITED POWER SOURCE	Evaluated in CB Report. See CBTR (C22IA060-M0A0) test result for details.

Test results are valid only for the tested equipment. These tests are considered representative of the products covered by this Test Report. The test methods and results of the above tests have been reviewed and found to be in accordance with the requirements in the Standard(s) referenced at the beginning of this Test Report.

The following supplements are provided as part of this Test Record. NOTE: These supplements are only available to the Applicant via the myUL™ Client Portal.

Type	Supplement Id	Description
Attachment	02-01	Dual language safety labeling CRD