

UHF 380-512MHZ 32-CH BASE CONFIG BDA

Rated: 100-240VAC, 50/60Hz, 2.0A

FCC ID: 2BCYP-IT109A017B

IC: 30914-IT109A017B

Model: IT109A017B



www.innertron.com



Intertek
5018566

Certified to ANSI/CAN/UL STD 2524



Part 90 Signal Boosters

THIS IS A 90.219 CLASS B DEVICE

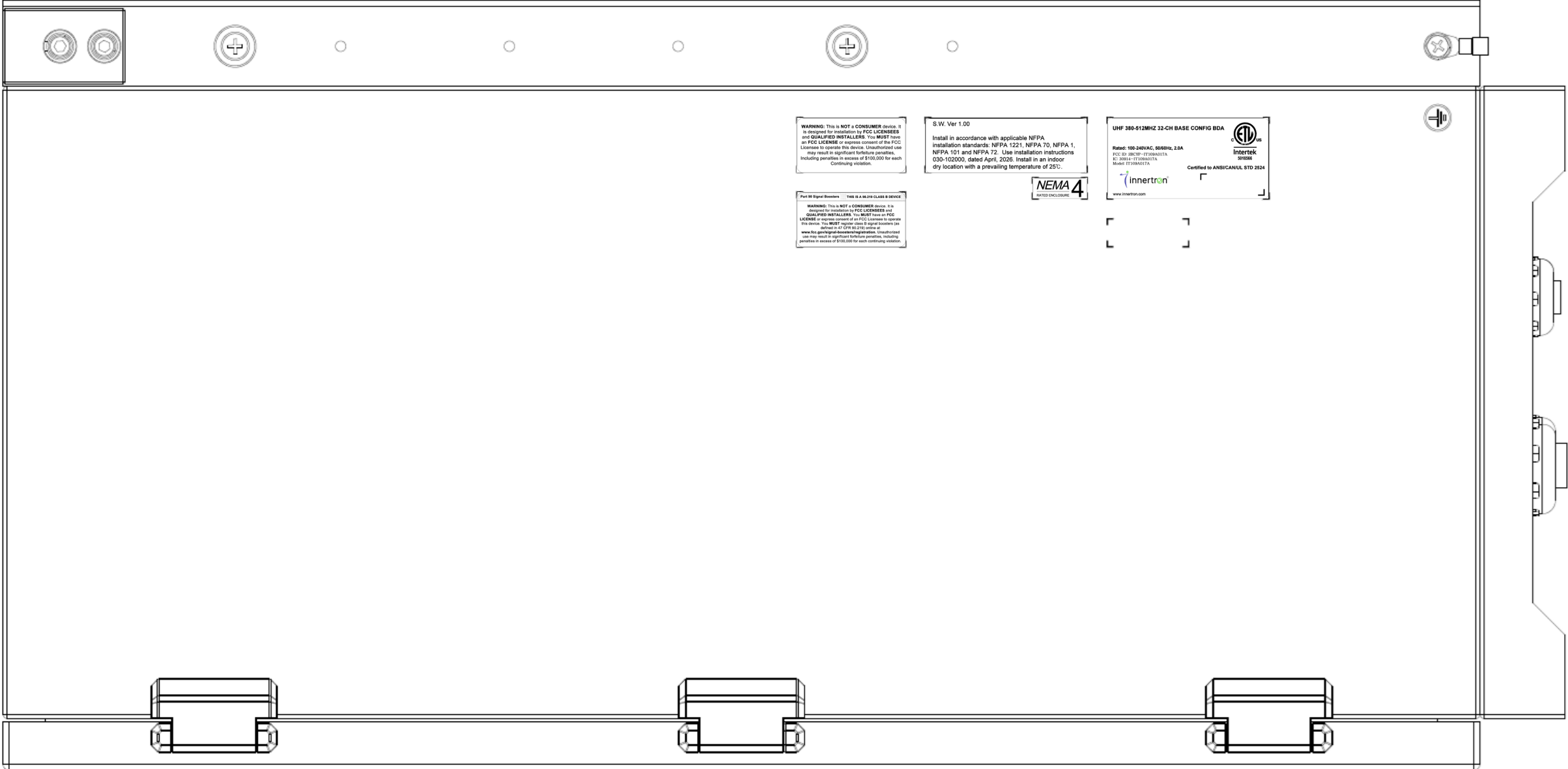
WARNING: This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You **MUST** have an **FCC LICENSE** or express consent of an FCC Licensee to operate this device. You **MUST** register class B signal boosters (as defined in 47 CFR 90.219) online at **www.fcc.gov/signal-boosters/registration**. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

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S.W. Ver 1.00

Install in accordance with applicable NFPA installation standards: NFPA 1221, NFPA 70, NFPA 1, NFPA 101 and NFPA 72. Use installation instructions 030-102000, dated April, 2026. Install in an indoor dry location with a prevailing temperature of 25°C.

NEMA **4**
RATED ENCLOSURE



WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of the FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each Continuing violation.

S.W. Ver 1.00
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Part 95 Signal Boosters THIS IS A PART 95 CLASS B DEVICE
WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of the FCC Licensee to operate this device. You MUST register class B signal boosters (as defined in 47 CFR 95.219) online at www.fcc.gov/guid-boosterregistration. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

UHF 380-512MHZ 32-CH BASE CONFIG BDA



Rated: 100-240VAC, 50/60Hz, 2.0A
FCC ID: 382CF-ET100A017A
IC: 20814-ET100A017A
Model: ET100A017A



5918586

Certified to ANSI/CANUL STD 2624



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Rev.	Customer Rev.	Description	Date	Reviser	Checked
R0	-	Temporary drawing issue	2020.09.02	C.H.Lee	C.H.Lee
R1	-	 Changed Material	2021.09.02	J.K.Park	C.K.Kang

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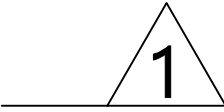
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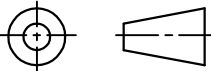
WARNING: This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You **MUST** have an **FCC LICENSE** or express consent of the FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, Including penalties in excess of \$100,000 for each Continuing violation.

25.40

NOTE : Unless otherwise specified

1. Material : UPM PET GLOSS WHITE TC 50 / RC18 / HD70
2. Print Color : Black



Design And Process Change: No Changes In Material Design Or Process Which Will Effect Form, Fit Or Function Shall Be Made By The Manufacturer After Sample Approval Without Written Authority From INNERTRON	DWG.Name	Outline Drawing	Title FCC WARNING LABEL	
	Mec. Design	C.H.Lee		
	Ele. Design	C.H.Lee	IT-DWG No.	IT109B001-P016
	Approve	S.D.Seo		
	Unit mm	 SHT 1/1	Scale 1:1	

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Rev.	Customer Rev.	Description	Date	Reviser	Checked
R0	-	Temporary drawing issue	2020.11.12	M.R.Yang	S.Y.Choi
R1	-	 Changed Material	2021.09.02	J.K.Park	C.K.Kang

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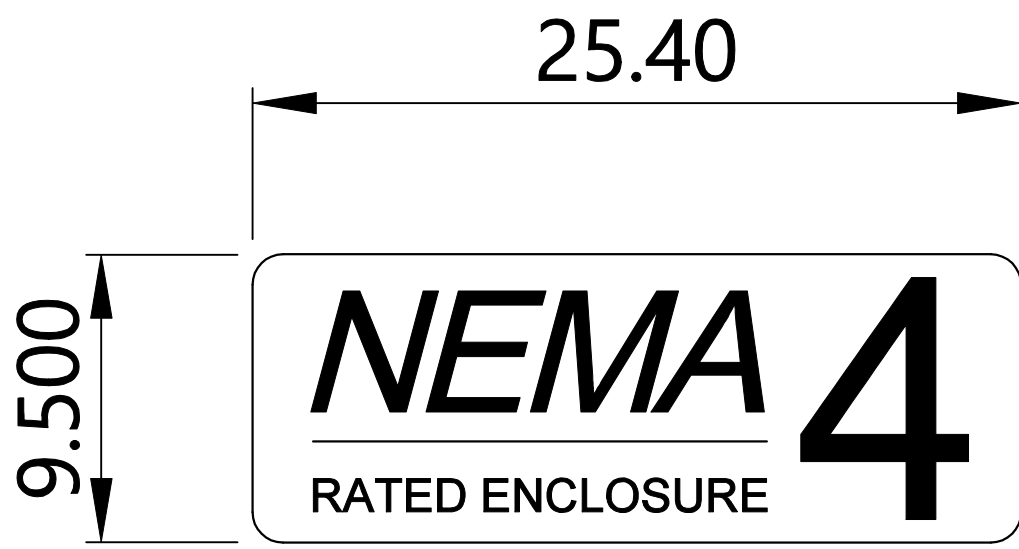
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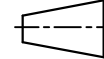
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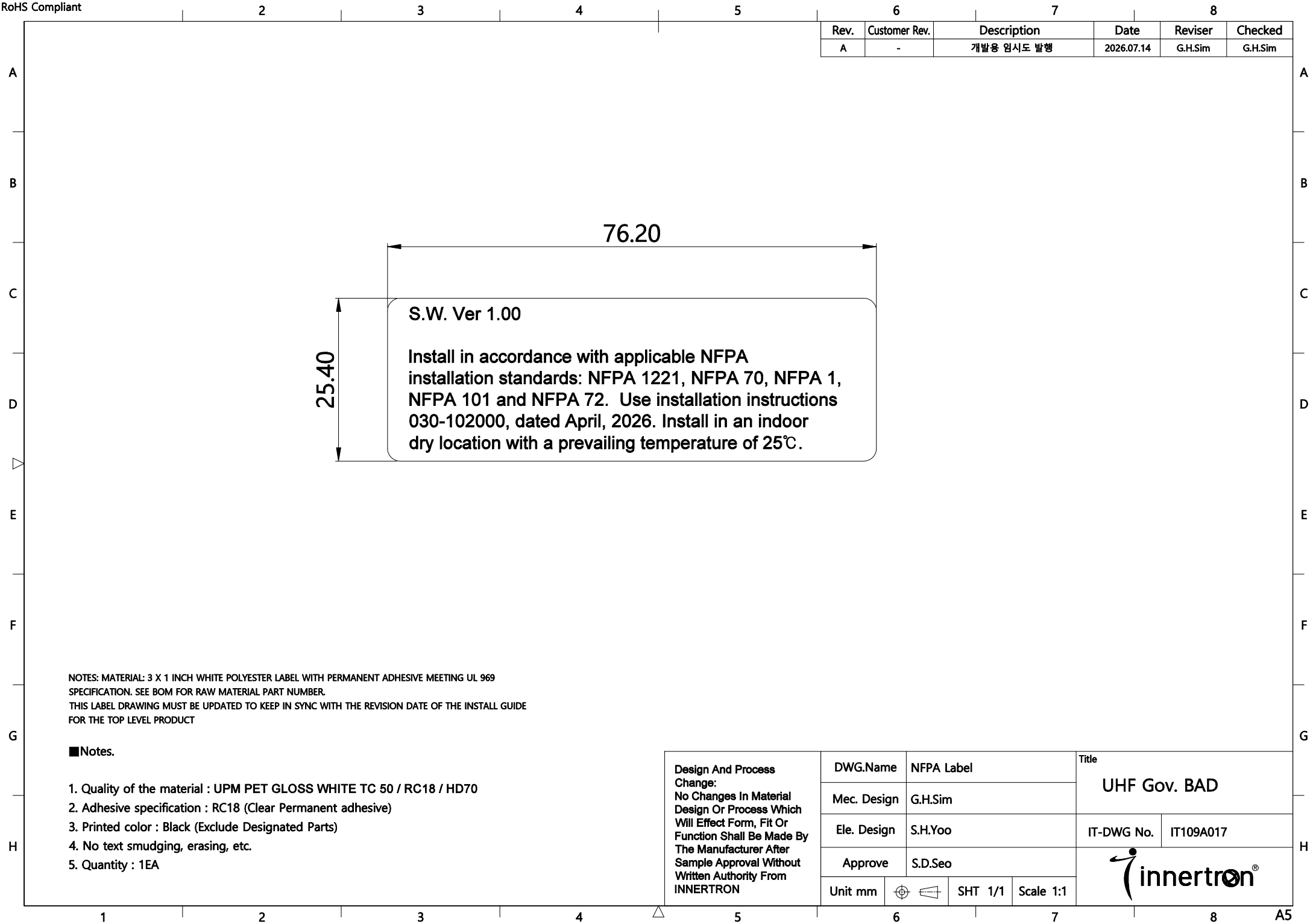
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■ Notes.

-  1. Quality of the material : UPM PET GLOSS WHITE TC 50 / RC18 / HD70
2. Adhesive specification : RC18 (Clear Permanent adhesive)
3. Printed color : Black (Exclude Designated Parts)
4. No text smudging, erasing, etc.
5. Quantity : 1EA

Design And Process Change: No Changes In Material Design Or Process Which Will Effect Form, Fit Or Function Shall Be Made By The Manufacturer After Sample Approval Without Written Authority From INNERTRON	DWG.Name		Public Safety Repeater_NEMA4			Title Public Safety Repeater	
	Mec. Design		M.R.Yang				
	Ele. Design		C.H.Lee			IT-DWG No.	IT109B001-P014
	Approve		S.D.Seo				
	Unit mm	 	SHT 1/1	Scale 1:1			



RoHS Compliant

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Rev.	Customer Rev.	Description	Date	Reviser	Checked
A	-	개발용 임시도 발행	2026.07.14	G.H.Sim	G.H.Sim

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S.W. Ver 1.00

Install in accordance with applicable NFPA installation standards: NFPA 1221, NFPA 70, NFPA 1, NFPA 101 and NFPA 72. Use installation instructions 030-102000, dated April, 2026. Install in an indoor dry location with a prevailing temperature of 25℃.

NOTES: MATERIAL: 3 X 1 INCH WHITE POLYESTER LABEL WITH PERMANENT ADHESIVE MEETING UL 969 SPECIFICATION. SEE BOM FOR RAW MATERIAL PART NUMBER.
THIS LABEL DRAWING MUST BE UPDATED TO KEEP IN SYNC WITH THE REVISION DATE OF THE INSTALL GUIDE FOR THE TOP LEVEL PRODUCT

■Notes.

1. Quality of the material : UPM PET GLOSS WHITE TC 50 / RC18 / HD70
2. Adhesive specification : RC18 (Clear Permanent adhesive)
3. Printed color : Black (Exclude Designated Parts)
4. No text smudging, erasing, etc.
5. Quantity : 1EA

Design And Process Change: No Changes In Material Design Or Process Which Will Effect Form, Fit Or Function Shall Be Made By The Manufacturer After Sample Approval Without Written Authority From INNERTRON	DWG.Name		NFPA Label			Title UHF Gov. BAD	
	Mec. Design		G.H.Sim				
	Ele. Design		S.H.Yoo			IT-DWG No.	IT109A017
	Approve		S.D.Seo				
	Unit mm		SHT 1/1	Scale 1:1			

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RoHS Compliant

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Rev.	Customer Rev.	Description	Date	Reviser	Checked
A	-	개발용 임시도 발행	2026.07.14	G.H.Sim	G.H.Sim

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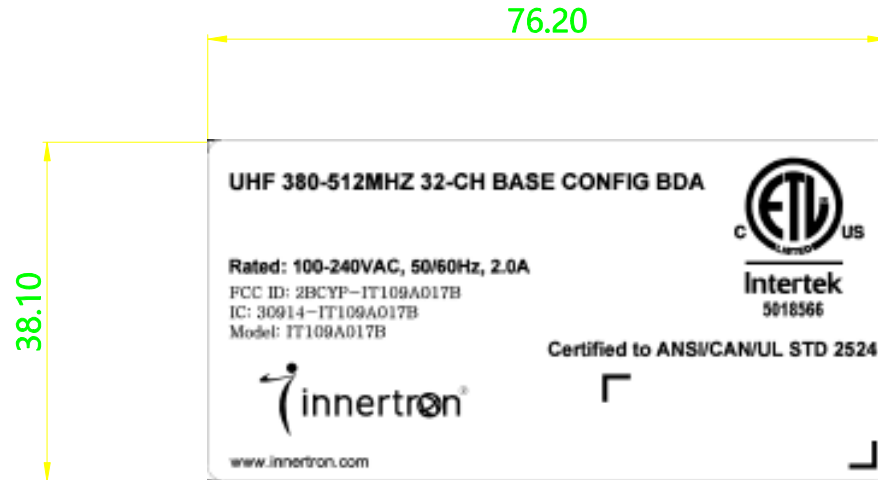
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■Notes.

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2. Adhesive specification : RC18 (Clear Permanent adhesive)
3. Printed color : Black (Exclude Designated Parts)
4. No text smudging, erasing, etc.
5. Quantity : 1EA

■Notes

1. S/N Label 부착 시 Web GUI B'D에 부여된 S/N 확인 후 부착

Design And Process Change: No Changes In Material Design Or Process Which Will Effect Form, Fit Or Function Shall Be Made By The Manufacturer After Sample Approval Without Written Authority From INNERTRON	DWG.Name	ETL Label	Title UHF Gov. BAD	
	Mec. Design	G.H.Sim		
	Ele. Design	E.B.Han	IT-DWG No.	IT109A017
	Approve	S.H.Yoo	innertron®	
	Unit mm		SHT 1/1	Scale 1:1

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R0	-	Temporary drawing issue	2020.09.02	C.H.Lee	C.H.Lee
R1	-	 Changed Material	2021.09.02	J.K.Park	C.K.Kang

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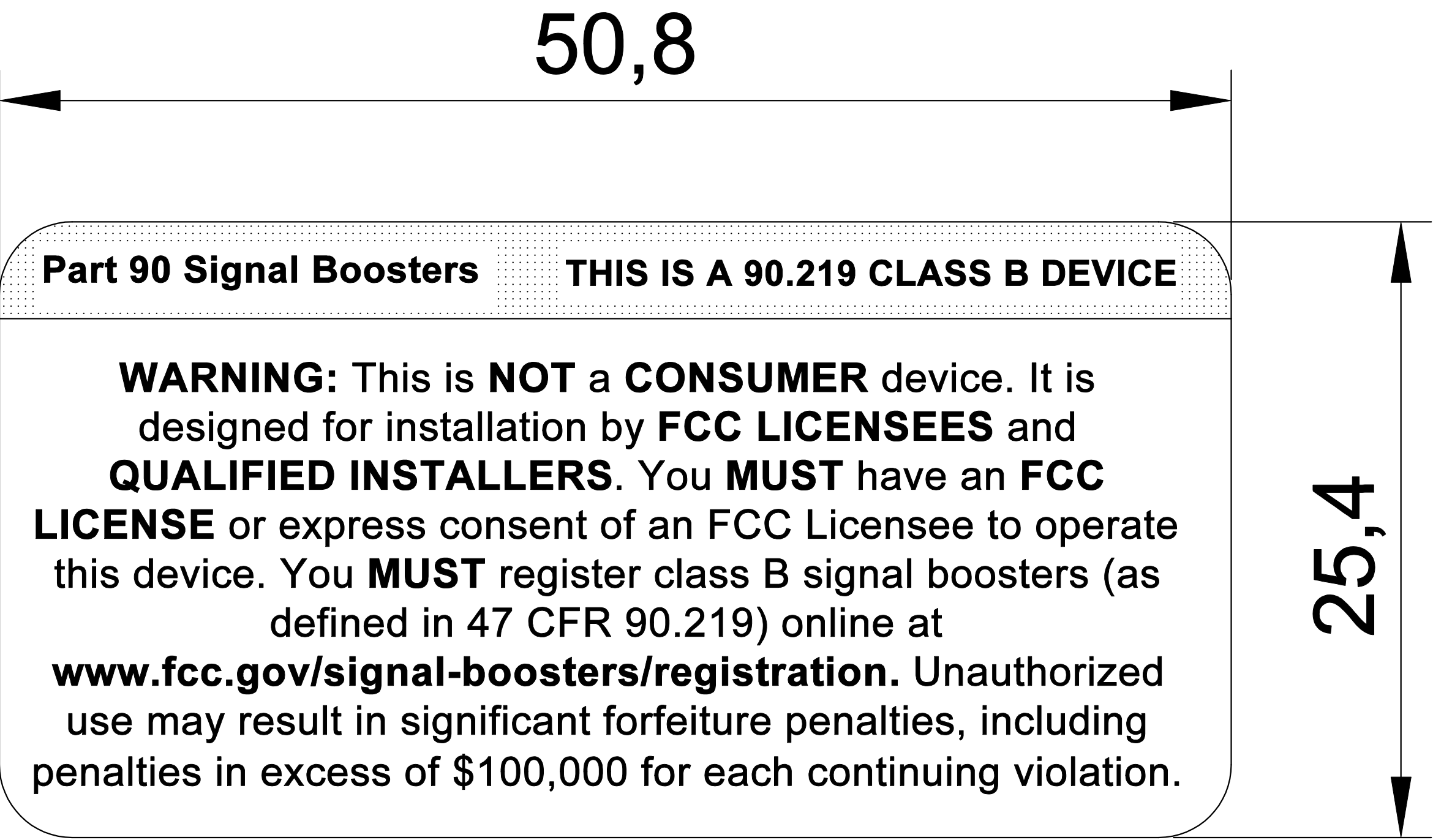
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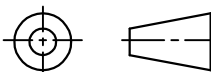
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NOTE : Unless otherwise specified

- 1. UPM PET GLOSS WHITE TC 50 / RC18 / HD70
- 2. Print Color : Black



Design And Process Change: No Changes In Material Design Or Process Which Will Effect Form, Fit Or Function Shall Be Made By The Manufacturer After Sample Approval Without Written Authority From INNERTRON	DWG.Name		Outline Drawing		Title FCC PART 90 LABEL	
	Mec. Design		C.H.Lee			
	Ele. Design		C.H.Lee		IT-DWG No.	IT109B001-P015
	Approve		S.D.Seo			
	Unit mm		SHT 1/1	Scale 1:1		