Classification	☐ tDS ☐ tGW ☐ PETL/tET/tPET ☐ DS/PDS/PPDS ☐ tM-752N ☐ I/O Card ☐ VXC Card ☐ VxComm ☑ Other (TouchPAD)				
Author	Mike Chou	**Date**	2020-03-12	**NO.**	FAQ039

Q: How do I select the TPD-43x series?

A: According to the different requirement, we will use the different specifications to classify the TPD-43x series.

The different specification for TPD-43x series

Model	Panel Appearance	Serial Port	Ethernet (PoE)	Wall Mounting Method		Protruding height when mounted on a wall (Unit: mm)	
				Outlet Box	External Wall Box	Outlet Box	External Wall Box
TPD-430-H		1 x RS-485	-	OB120	EWB-T43 EWB-T43-BK	24	66
TPD-433-H			✔				
TPD-430-H-EU			-	European-standard 86 x 86 mm	-	28	-
TPD-433-H-EU			✔				
TPD-432F-H		2 x RS-485	-	OB140F OB140FP	EWB-T43F EWB-T43F2	10.9	52.9
TPD-433F-H		1 x RS-232 1 x RS-485	✔				
TPD-433-M2						14.9	56.9

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The difference between EWB-T43F and EWB-T43F2

Applicable Model: TPD-432F-H / TPD-433F-H / TPD-433-M2

The size of the **TPD-432F-H / TPD-433F-H** is slightly large than **EWB-T43F**.
The size of the **TPD-432F-H / TPD-433F-H** is more similar with **EWB-T43F2**.

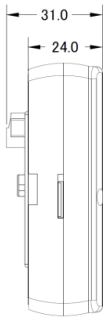
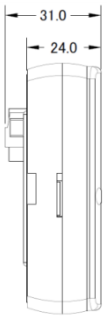
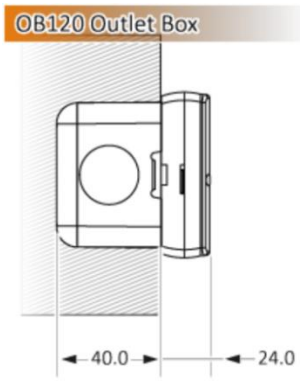
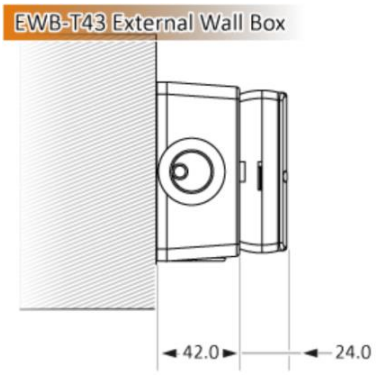
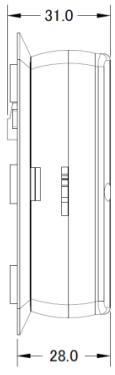
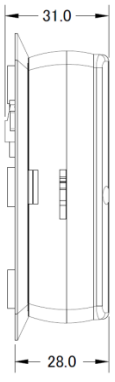
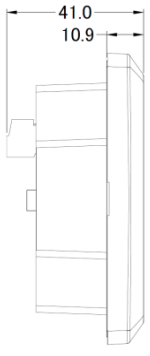
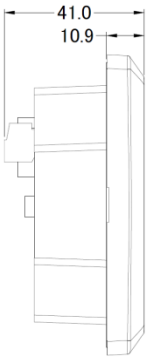
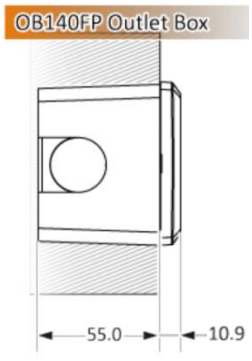
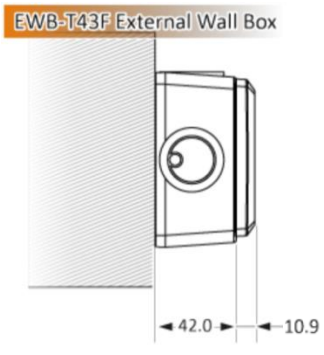
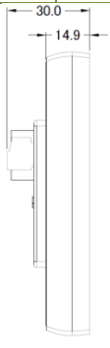
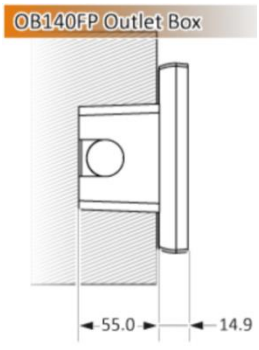
Comparison chart:

Model	External Wall Box	Length side	Width side	Rear
TPD-432F-H **TPD-433F-H**	EWB-T43F			
	EWB-T43F2			
TPD-433-M2	EWB-T43F			
	EWB-T43F2			

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Installation side diagram (Unit: mm)

Model	Side Face		Outlet Box	External Wall Box
TPD-430-H TPD-433-H	 TPD-430-H	 TPD-433-H		
TPD-430-H-EU TPD-433-H-EU	 TPD-430-H-EU	 TPD-433-H-EU		--
TPD-432F-H TPD-433F-H	 TPD-432F-H	 TPD-433F-H		
TPD-433-M2	 TPD-433-M2			

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Installation diagram

Model	Outlet Box	External Wall Box
TPD-430-H TPD-433-H		
TPD-430-H-EU TPD-433-H-EU		--
TPD-432F-H TPD-433F-H		
TPD-433-M2		

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The common specification for TPD-43x series

CPU Module	**CPU**	**Memory Expansion**	**Real Time Clock (RTC)**	**Buzzer**	**Rotary Switch (0~9)**	**Mechanical**	**Ingress Protection**
	32-bit RISC CPU	16 MB	✔	✔	✔		Front Panel: IP40
Main Machine Interface	**LCD**	**Backlight Lift**	**Brightness**	**Touch Panel**	**LED Indicator**	**Reset Button**	
	4.3“ TFT, Resolution 480 x 272 x 16, defective pixels <= 3	20,000 hours	400 cd/m2	✔	✔	✔	
Electrical	**Powered from Terminal Block**	**Power Consumption**	**Environmental**	**Operating Temperature**	**Storage Temperature**	**Ambient Relative Humidity**	
	+12 ~ 48 VDC	2.5 W		-20 ~ +50 ℃	-30 ~ +80 ℃	10 % ~ 90% RH, non-condensing	
USB	Only support to download the HMIWorks program						

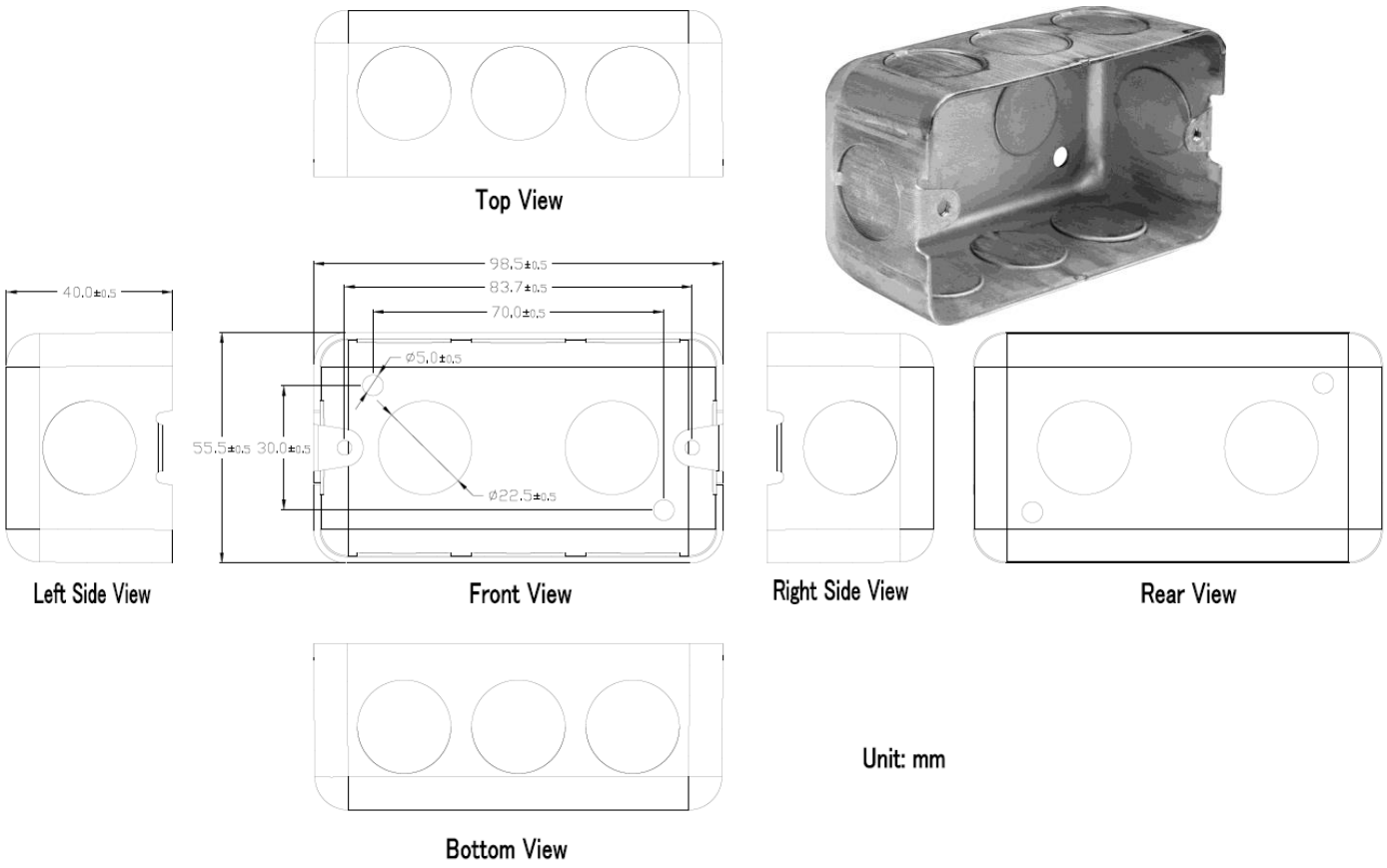
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Appendix A - Outlet Box

OB120

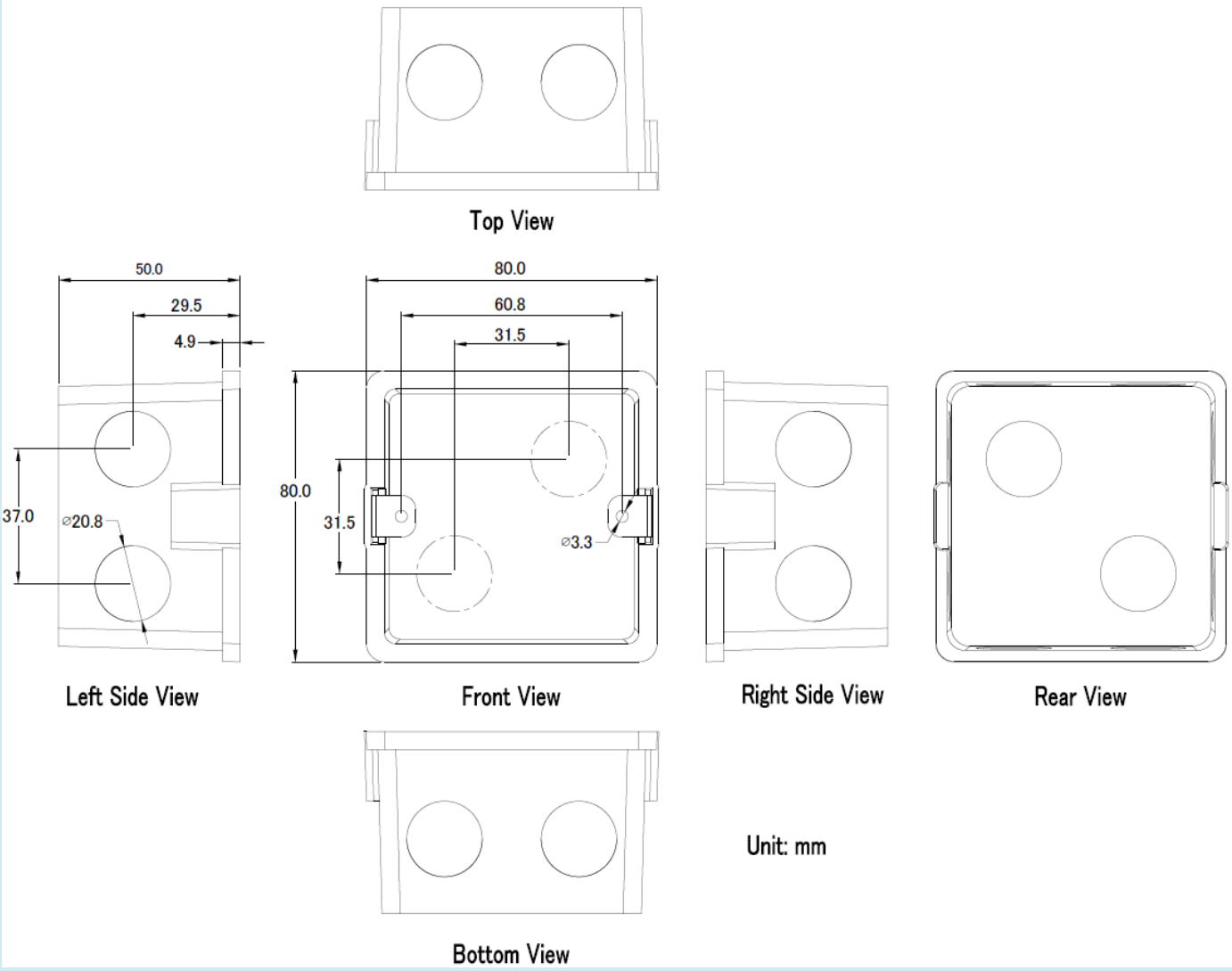
(TPD-430-H / TPD-433-H)



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European-standard 86 x 86 mm (TPD-430-H-EU / TPD-433-H-EU)

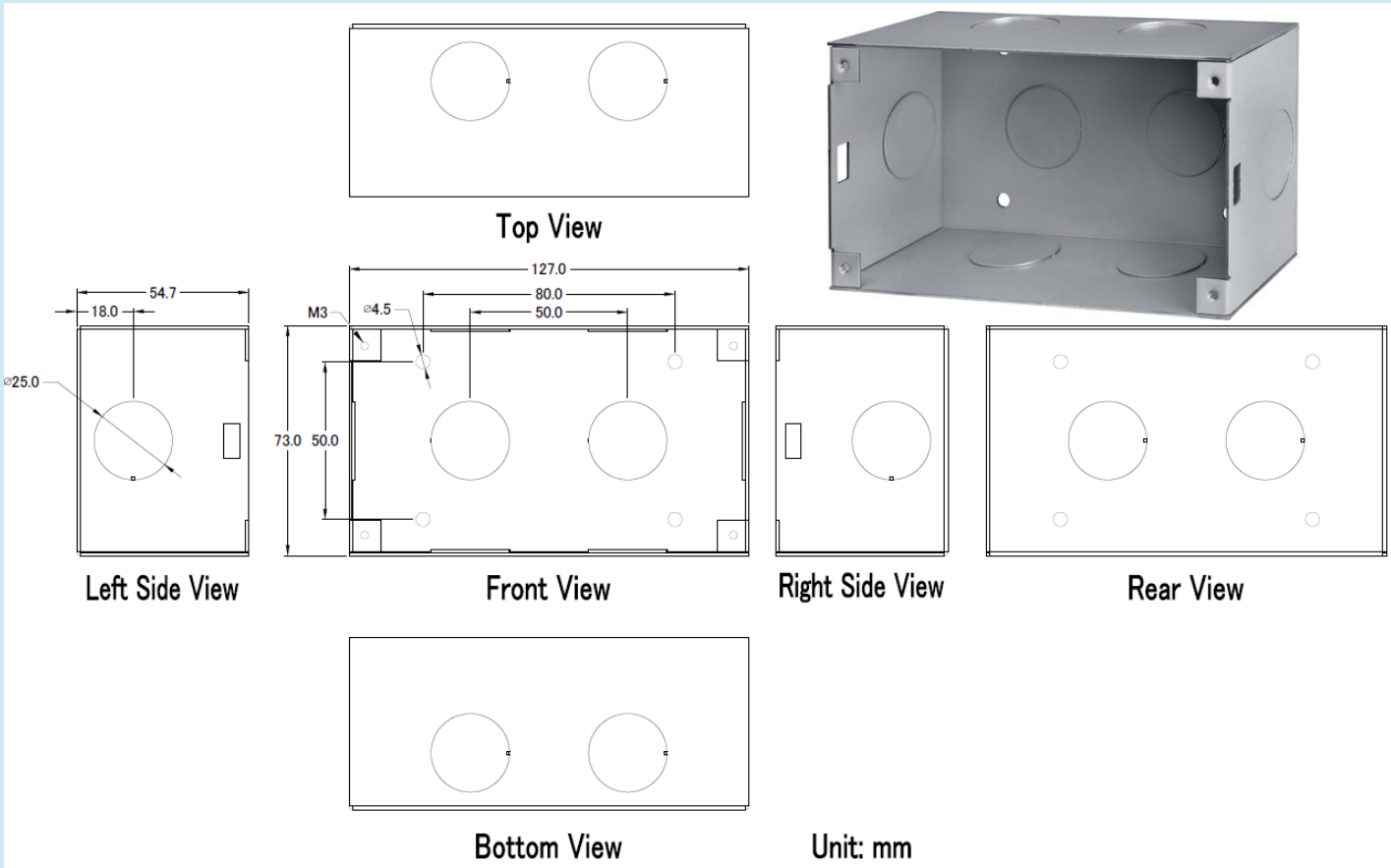


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OB140F

(TPD-432F-H / TPD-433F-H / TPD-433-M2)

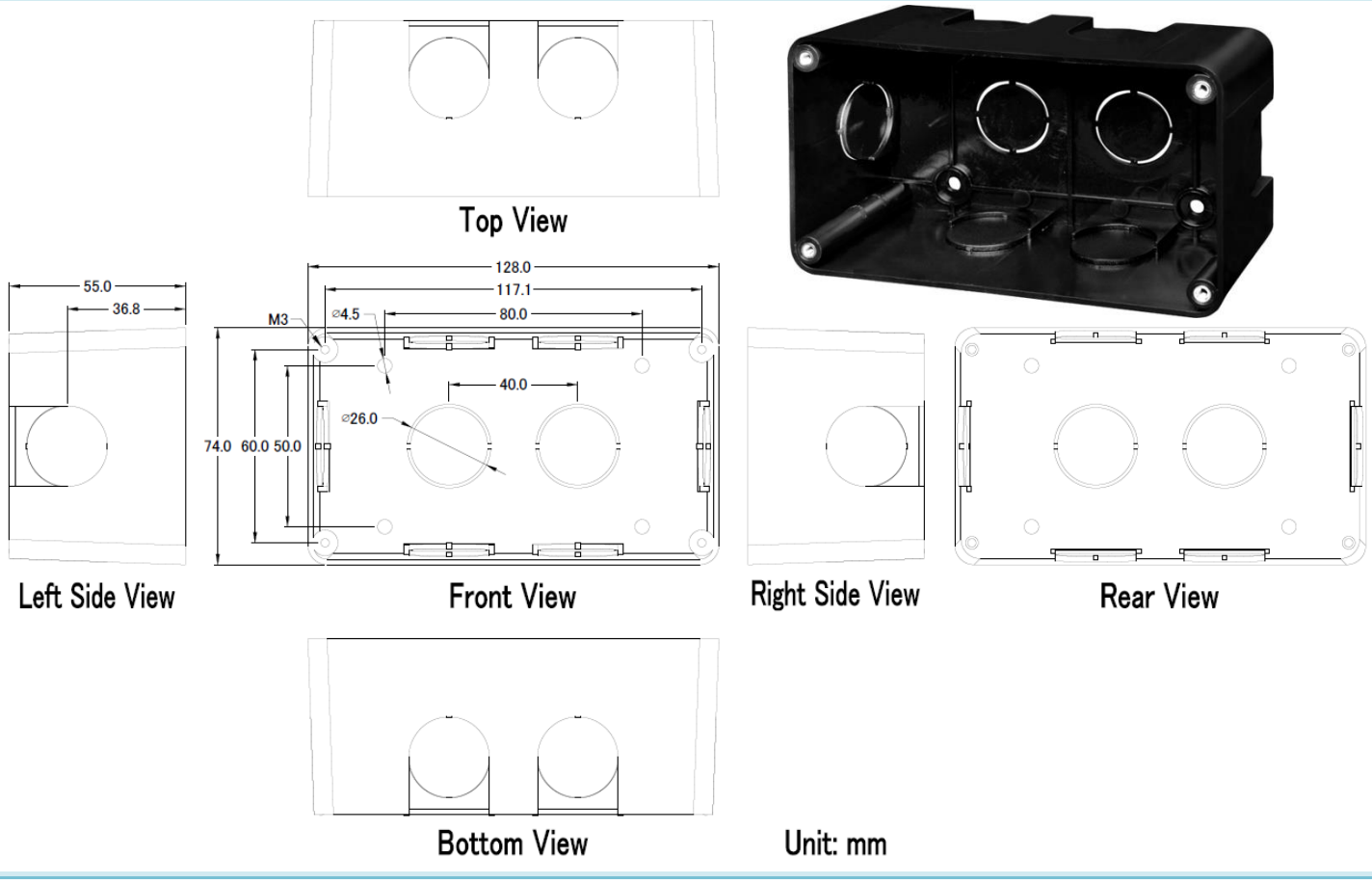


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OB140FP

(TPD-432F-H / TPD-433F-H / TPD-433-M2)



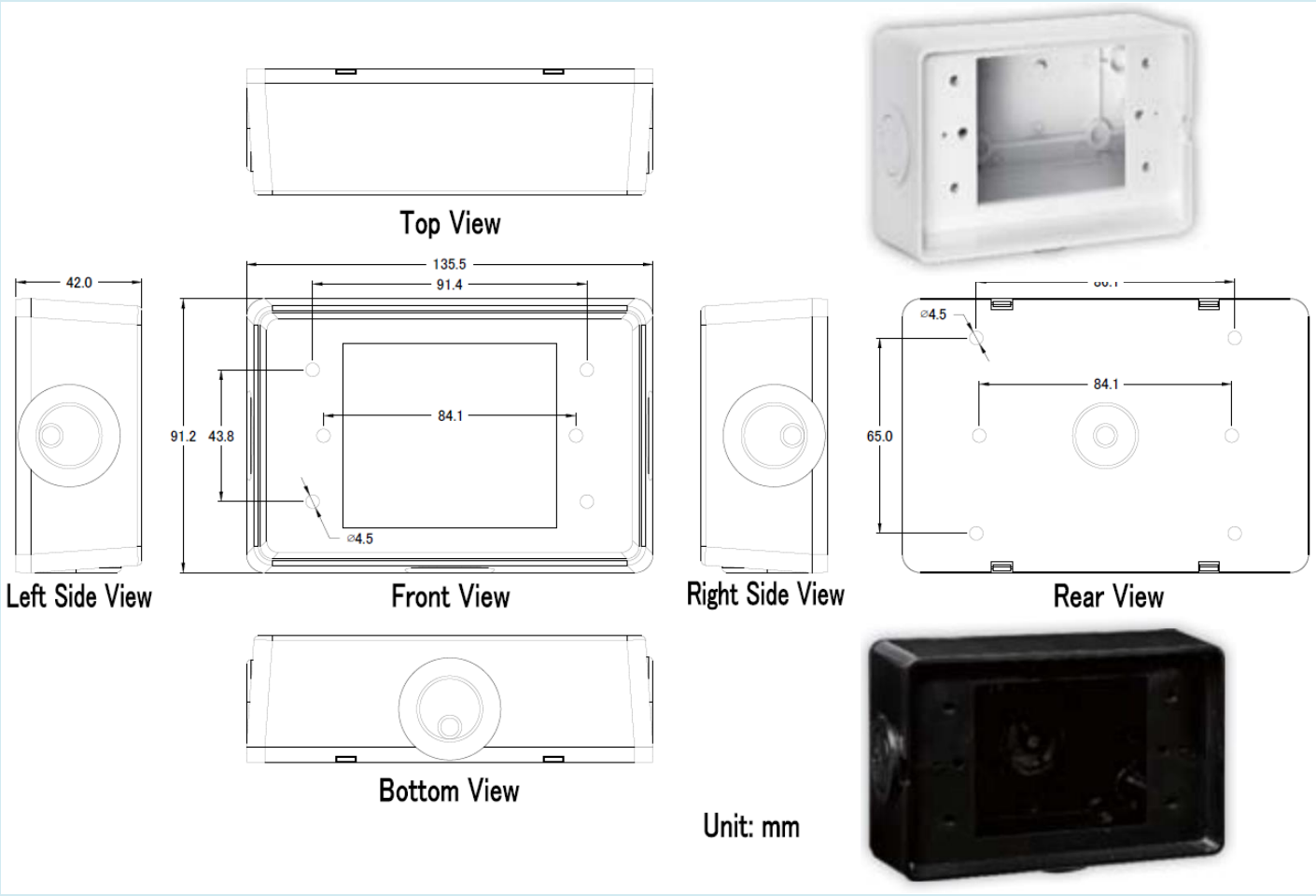
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Appendix B - External Wall Box

EWB-T43 / EWB-T43-BK

(TPD-430-H / TPD-433-H)

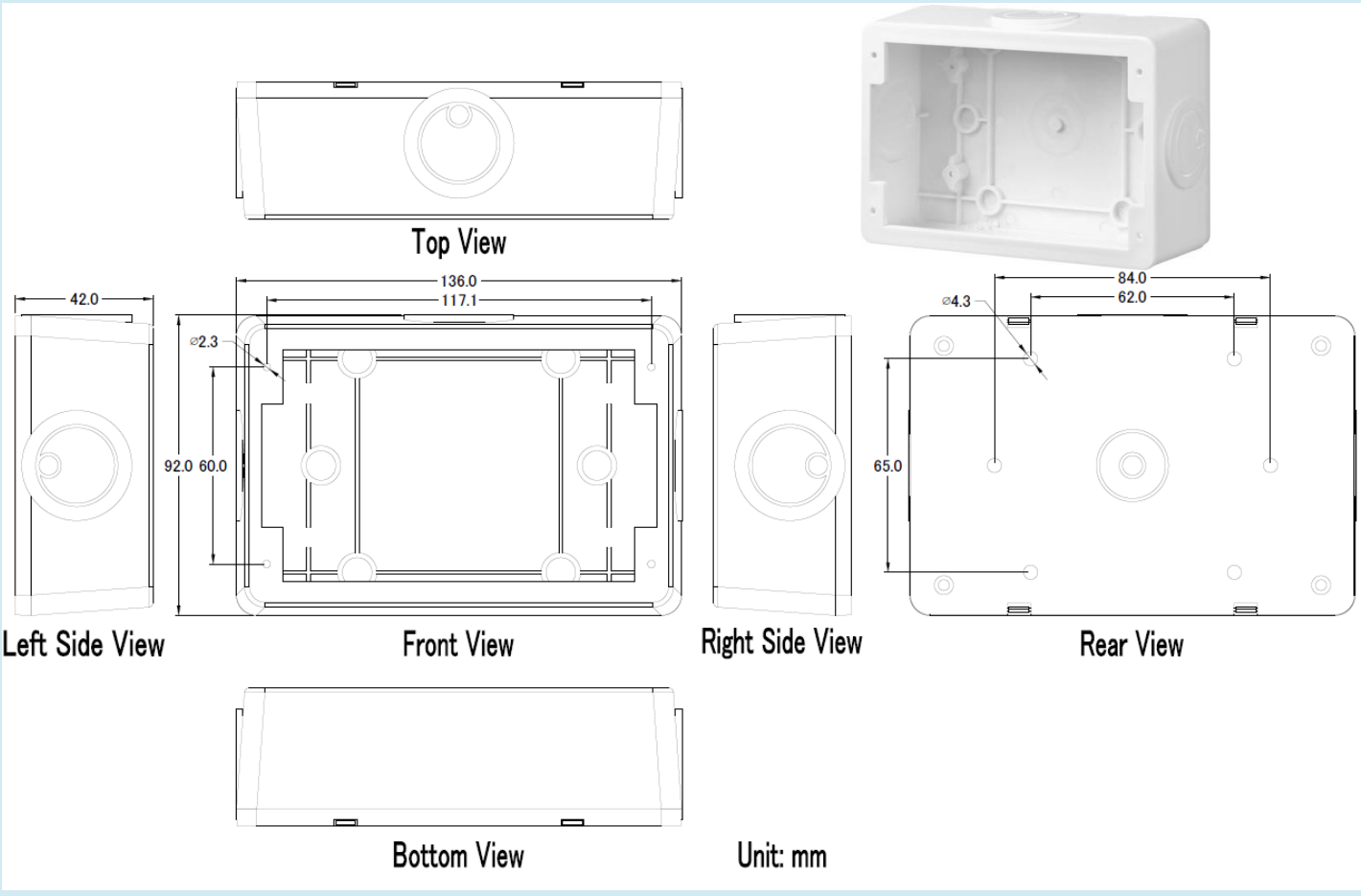


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EWB-T43F

(TPD-432F-H / TPD-433F-H / TPD-433-M2)

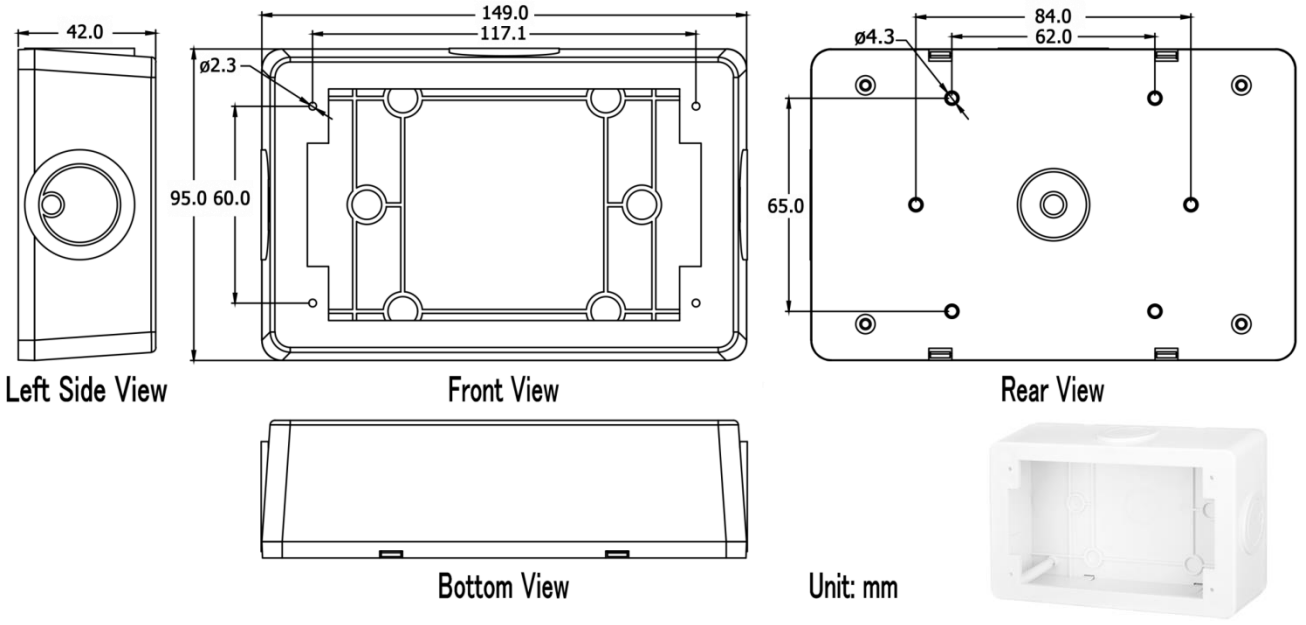


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EWB-T43F2

(TPD-432F-H / TPD-433F-H / TPD-433-M2)



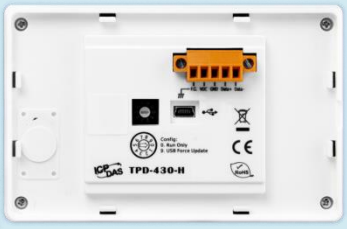
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Appendix C - Panel Appearance

TPD-430-H / TPD-433-H / TPD-430-H-EU / TPD-433-H-EU





TPD-430-H



TPD-433-H

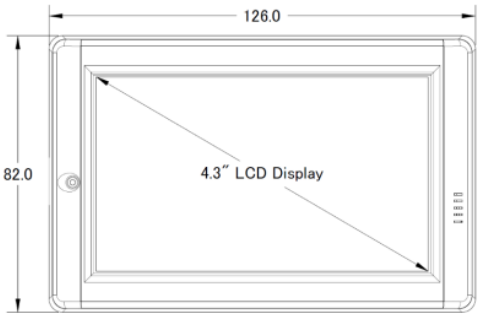


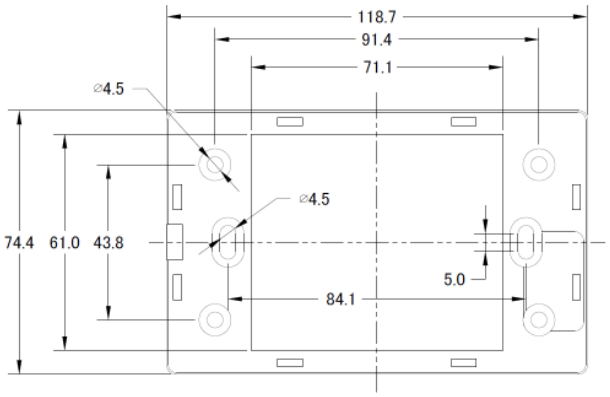
TPD-430-H-EU



TPD-433-H-EU

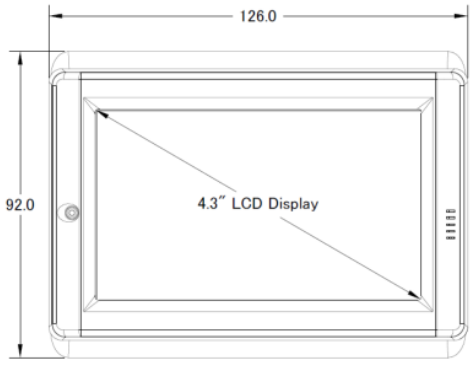
TPD-430-H
TPD-433-H

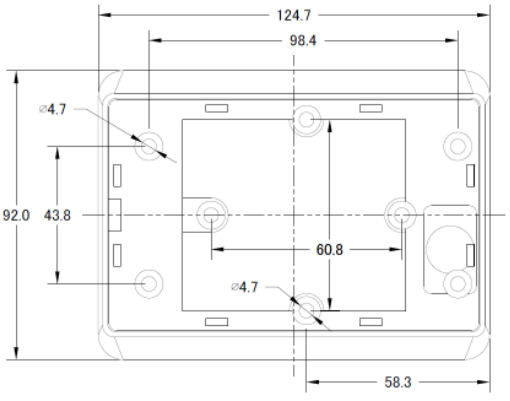




Wall monution

TPD-430-H-EU
TPD-433-H-EU





Wall monution

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TPD-432F-H / TPD-433F-H

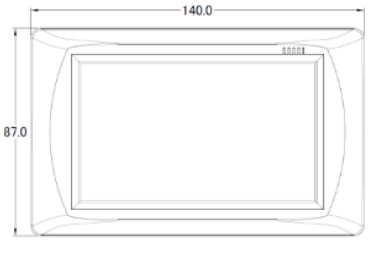


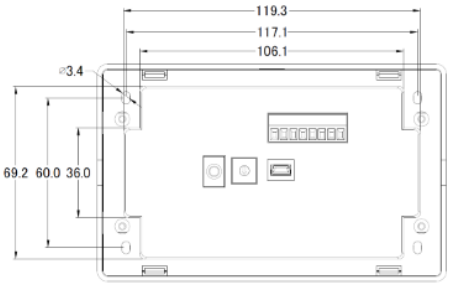


TPD-432F-H

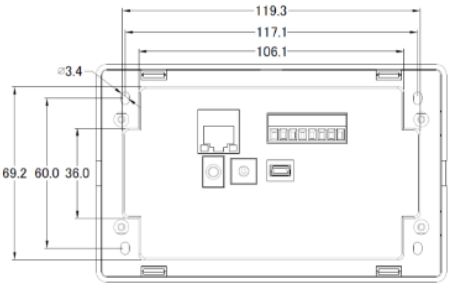


TPD-433F-H





TPD-432F-H



TPD-433F-H

TPD-433-M2

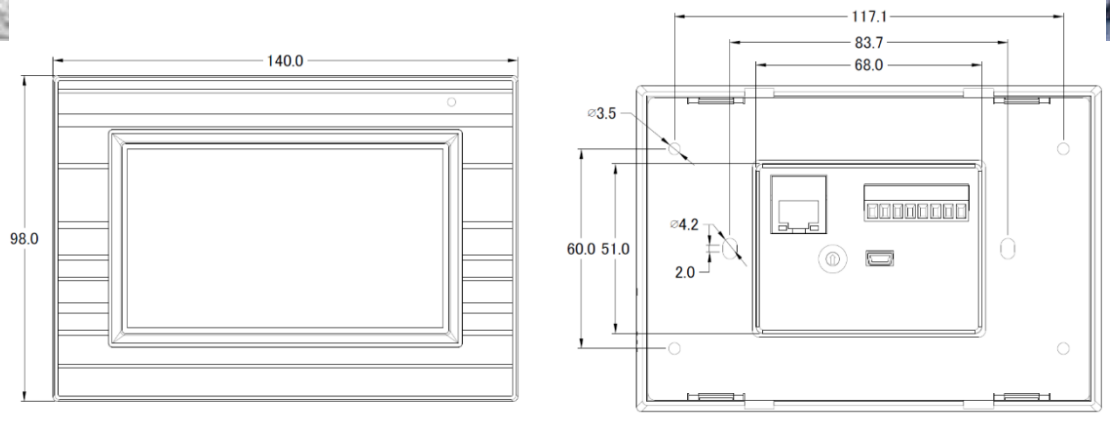




TPD-433-M2

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TPD-433-M2

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