










Newton Pro

Newton Pro

 4 color EPD	 x10 Fast Update Speed	 10+ years Battery Life
 1 Programmable Button	 IP68 for water proof and dust proof	 Streamlined Design
 7 Colors LED Indicators	 Extended Size Range (17 sizes)	 Location Based Service



The Newton Pro is a game-changer in the world of Electronic Shelf Labels. This product offers a superior user experience with improved button durability and user-friendliness. While connectivity remains consistent, the device ensures reliable communication for your pricing and product information. With its focus on design and build quality, it minimizes gaps between tags and enhances waterproof reliability. Positioned as a premium yet accessible solution, the Newton Pro is ready to excel in the ever-evolving ESL market, offering a competitive edge, advanced performance, and superior quality.



FULL LINE-UP



PRODUCT SPECIFICATION SUMMARY

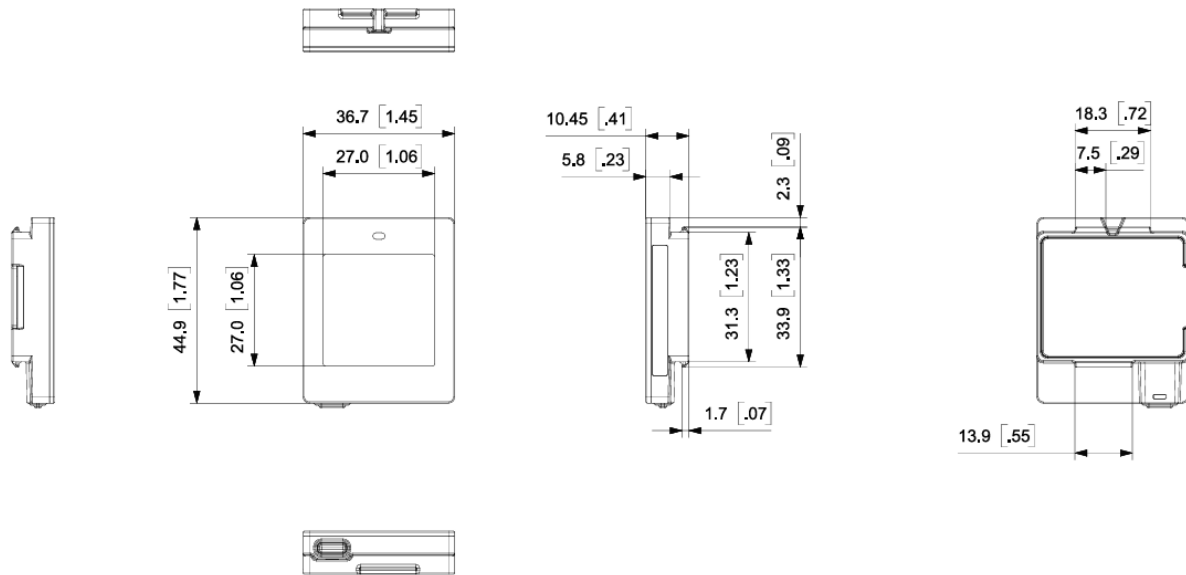
MODEL	1.6" (V)	1.6" (H)	2.2"	2.6"	2.7"	2.9"	3.5"	4.2"	4.3"	4.5"	5.8"	6.1"	7.5"	9.7"	11.6"	12.2"
DIMENSION (mm)	36.7 x 44.9 x 10.45	44.9 x 36.7 x 10.45	67.0 x 37.4 x 10.45	79.2 x 42.5 x 10.45	76.0 x 49.5 x 10.5	85.9 x 41.3 x 10.45	100.2 x 49.6 x 10.45	98.1 x 83.7 x 12.45	130.2 x 42.3 x 13.0	128.6 x 53.0 x 13.0	164.0 x 66.8 x 14.3	133.20 x 109.96 x 14.90	125.0 x 182.9 x 14.85	170.2 x 223.6 x 14.85	192.0 x 269.1 x 15.35	216.2 x 260.0 x 15.35
ACTIVE AREA (mm)	27.0 x 27.0	27.0 x 27.0	48.1 x 26.0	60.0 x 30.7	57.3 x 38.2	67.6 x 29.6	81.0 x 38.0	84.8 x 63.6	105.4 x 30.7	104.2 x 38.2	139.0 x 47.7	118.8 x 88.2	97.9 x 163.2	141.1 x 201.6	163.0 x 244.5	190.1 x 237.6
RESOLUTION (Pixel)	200 x 200	200 x 200	296 x 160	360 x 184	300 x 200	384 x 168	384 x 180	400 x 300	522 x 152	480 x 176	792 x 272	648 x 480	480 x 800	672 x 960	640 x 960	768 x 960
PIXEL DENSITY	188 dpi	188 dpi	156 dpi	152 dpi	133 dpi	144 dpi	120 dpi	120 dpi	125 dpi	117 dpi	144 dpi	138 dpi	126 dpi	121 dpi	100 dpi	102dpi
PIXEL COLORS	BWRY(Black, White, Red, Yellow), BW (Black, White)															

SPECIFICATION SHEET

※ This specification May varies depending on the installation environment and user scenario.

MODEL	1.6" (V)	1.6" (H)	2.2"	2.6"	2.7"	2.9"	3.5"	4.2"
DIMENSION (mm/inch)	36.7 x 44.9 x 10.45 mm (1.45 x 1.77 x 0.41 inch)	44.9 x 36.7 x 10.45 mm (1.77 x 1.45 x 0.41 inch)	67.0 x 37.4 x 10.45 mm (2.64 x 1.47 x 0.41 inch)	79.2 x 42.5 x 10.45 mm (3.12 x 1.67 x 0.41 inch)	76.0 x 49.5 x 10.5 mm (2.99 x 1.95 x 0.41 inch)	85.9 x 41.3 x 10.45 mm (3.38 x 1.62 x 0.41 inch)	100.2 x 49.6 x 10.45 mm (3.94 x 1.95 x 0.41 inch)	98.1 x 83.7 x 12.45 mm (3.86 x 3.29 x 0.49 inch)
ACTIVE DISPLAY AREA (mm/inch)	27.0 x 27.0 mm (1.06 x 1.06 inch)	27.0 x 27.0 mm (1.06 x 1.06 inch)	48.1 x 26.0 mm (1.89 x 1.02 inch)	60.0 x 30.7 mm (2.37 x 1.21 inch)	57.3 x 38.2 mm (2.25 x 1.50 inch)	67.6 x 29.6 mm (2.66 x 1.16 inch)	81.0 x 38.0 mm (3.19 x 1.50 inch)	84.8 x 63.6 mm (3.34 x 2.50 inch)
RESOLUTION (pixels)	200 x 200	200 x 200	296 x 160	360 x 184	300 x 200	384 x 168	384 x 180	400 x 300
PIXEL DENSITY	188 dpi	188 dpi	156 dpi	152 dpi	133 dpi	144 dpi	120 dpi	120 dpi
DISPLAY TECHNOLOGY	Full Graphic E-Ink Display							
PIXEL COLORS	BWRV(Black, White, Red, Yellow)							
VIEWING ANGLE	Nearly 180°							
USABLE PAGES	Up to 7 pages							
OPERATING TEMPERATURE	0 ~ 40° / 32 ~ 104°F							
BATTERY LIFETIME	Over 5 years (2 Updates/day)		Over 10 years (2 Updates/day)					
BATTERY	CR2450 x 1		CR2450 x 2					
ENCRYPTION	128-Bit AES							
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS							
NFC	FeliCa NFC Forum Type 3							
WATERPROOF	IP68							
BUTTON	1							
LED	7 Colors (Red / Green / Blue / Yellow / Cyan / Magenta / White)							
ESL OPERATING FREQUENCY	2.4 Ghz							
WIRELESS FIRMWARE UPDATE	Yes							

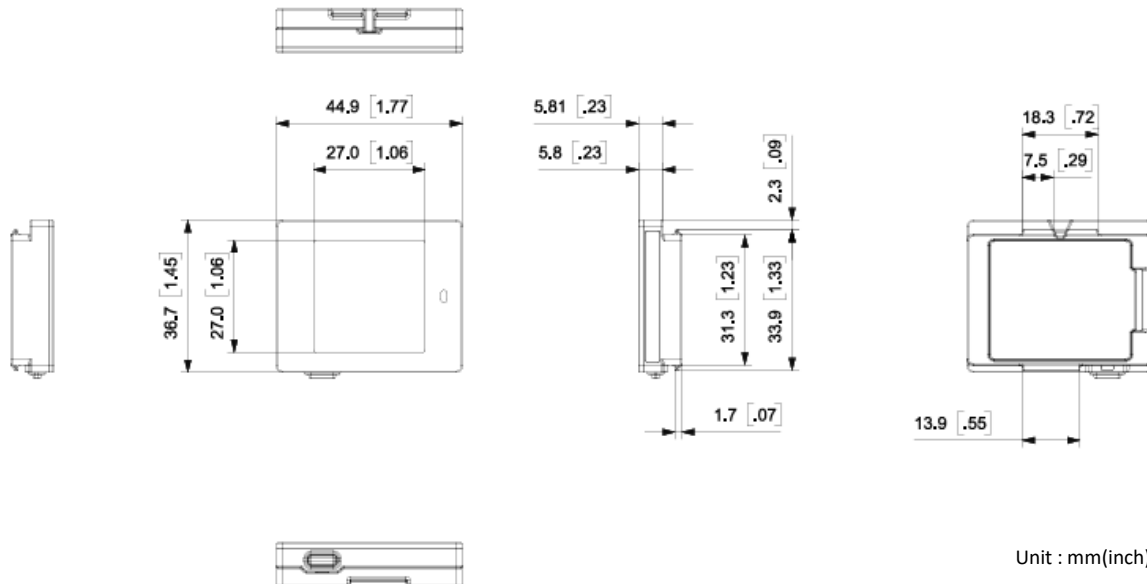
1.6 inch (V)



MODEL	W : EL016F6W4A/WWW, B : EL016F6B4A/WWW
DIMENSION	36.7 x 44.9 x 10.45 mm (1.45 x 1.77 x 0.41 inch)
ACTIVE DISPLAY AREA	27.0 x 27.0mm (1.06 x 1.06 inch)
RESOLUTION (Pixel)	200 x 200
PIXEL DENSITY	188 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 1ea
BATTERY LIFETIME	Over 5 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

1.6 inch (H)

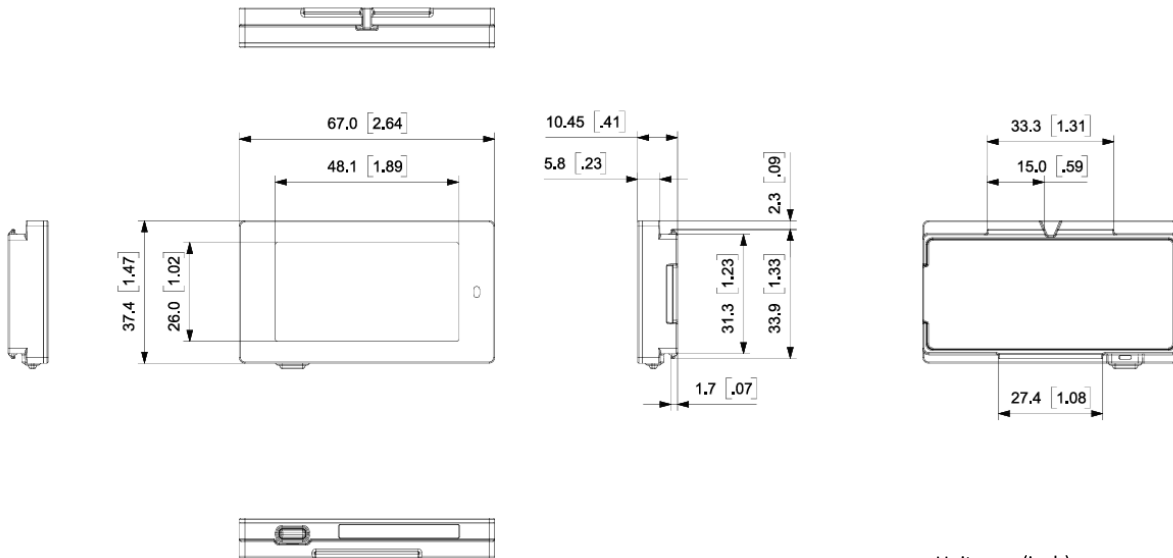


Unit : mm(inch)

MODEL	W : EL016F6W4A/WST, B : EL016F6B4A/WST
DIMENSION	44.9 x 36.7 x 10.45 mm (1.77 x 1.45 x 0.41 inch)
ACTIVE DISPLAY AREA	27.0 x 27.0mm (1.06 x 1.06 inch)
RESOLUTION (Pixel)	200 x 200
PIXEL DENSITY	188 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 1ea
BATTERY LIFETIME	Over 5 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.2 inch

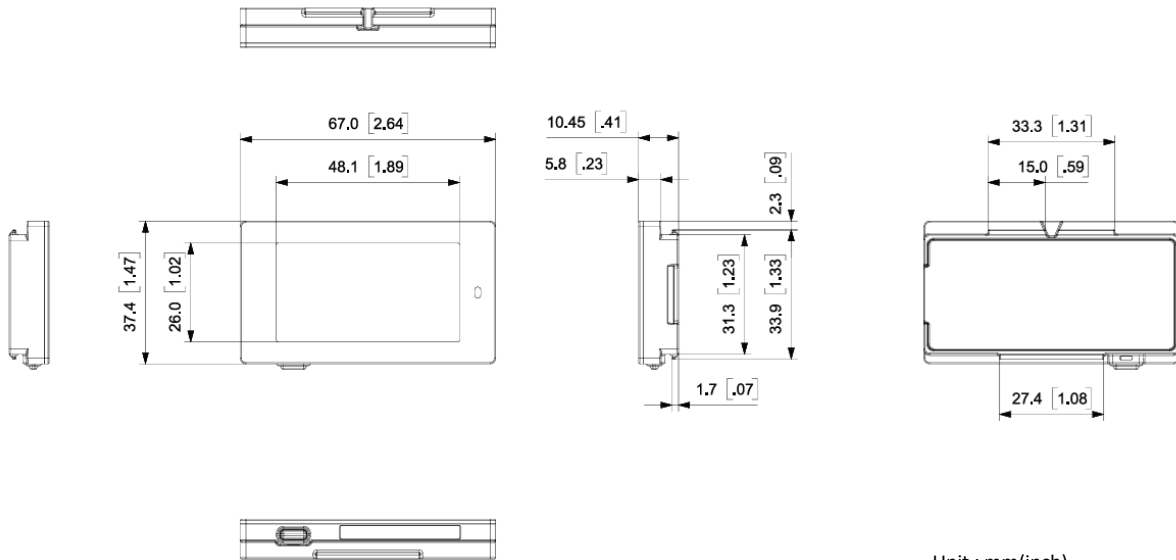


Unit : mm(inch)

MODEL	W : EL022F6W4A/WWW, B : EL022F6B4A/WWW
DIMENSION	67.0 x 37.4 x 10.45 mm (2.64 x 1.47 x 0.41 inch)
ACTIVE DISPLAY AREA	48.1 x 26.0mm (1.89 x 1.02 inch)
RESOLUTION (Pixel)	296 x 160
PIXEL DENSITY	156 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.2 inch Freezer

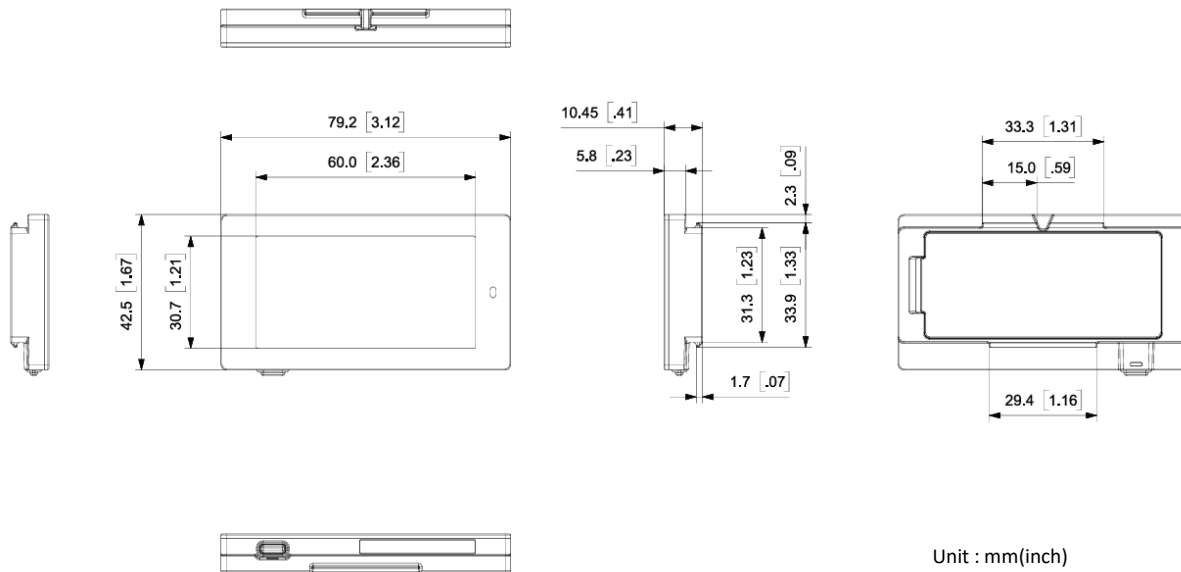


Unit : mm(inch)

MODEL	W : ELF22F6WMA/WWW, B : ELF22F6BMA/WWW
DIMENSION	67.0 x 37.4 x 10.45 mm (2.64 x 1.47 x 0.41 inch)
ACTIVE DISPLAY AREA	48.1 x 26.0mm (1.89 x 1.02 inch)
RESOLUTION (Pixel)	296 x 160
PIXEL DENSITY	156 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BW (Black, White)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	-13F ~ 31F (-25C ~ 0C)
BATTERY	CR2450 x 2ea
BATTERY LIFETIME	Over 5 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.6 inch

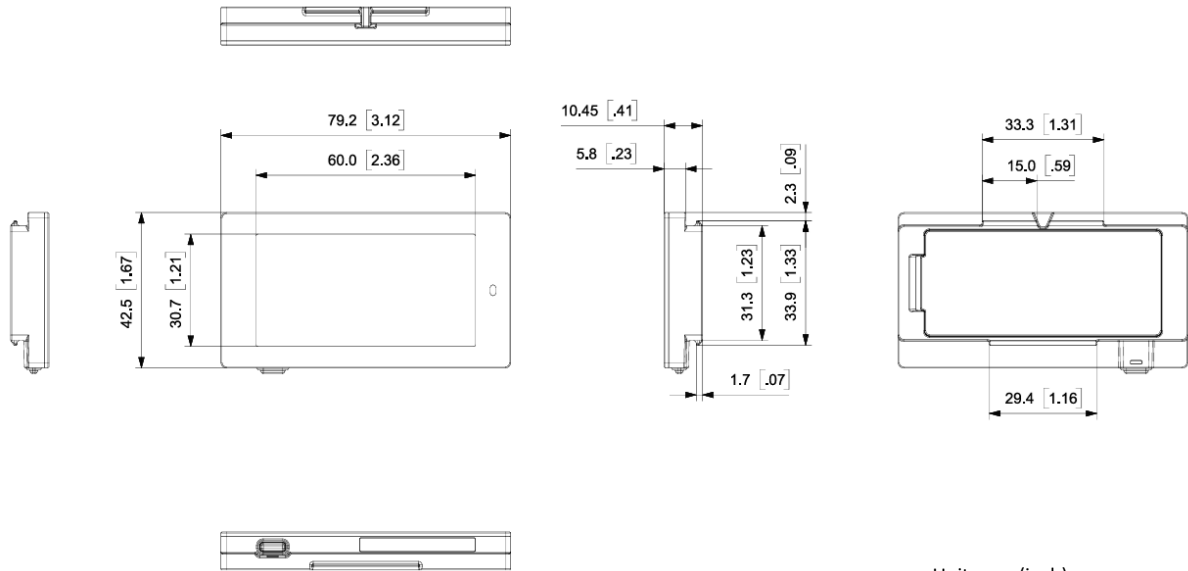


Unit : mm(inch)

MODEL	W : EL026F6W4A/WWW, B : EL026F6B4A/WWW
DIMENSION	79.2 x 42.5 x 10.45 mm (3.12 x 1.67 x 0.41 inches)
ACTIVE DISPLAY AREA	60.0 x 30.7mm (2.37 x 1.21 inches)
RESOLUTION (Pixel)	360 x 184
PIXEL DENSITY	152 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.6 inch Freezer

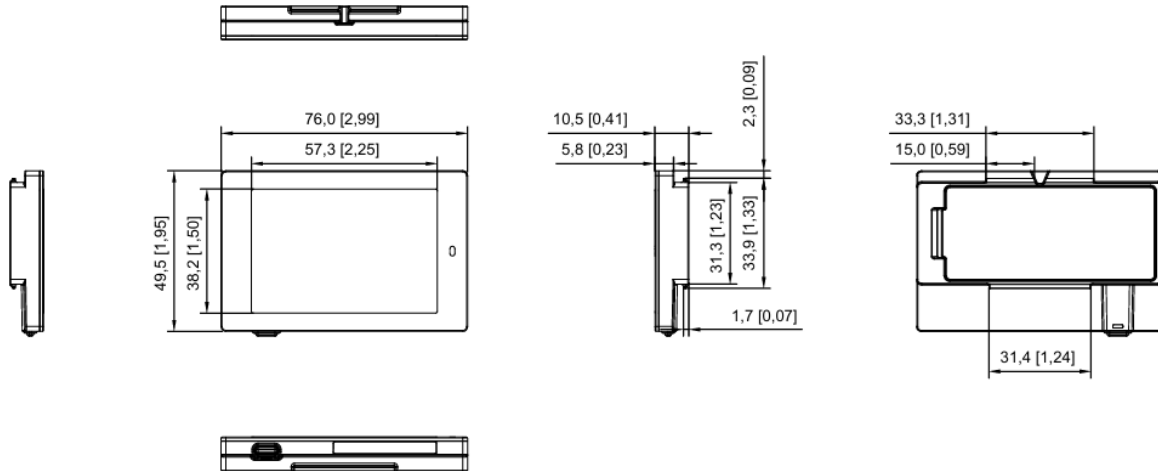


Unit : mm(inch)

MODEL	W : ELF26F6WMA/WWW, B : ELF26F6BMA/WWW
DIMENSION	79.2 x 42.5 x 10.45 mm (3.12 x 1.67 x 0.41 inch)
ACTIVE DISPLAY AREA	60.0 x 30.7mm (2.37 x 1.21 inch)
RESOLUTION (Pixel)	360 x 184
PIXEL DENSITY	152 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BW (Black, White)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	-13F ~ 31F (-25C ~ 0C)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 5 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.7 inch

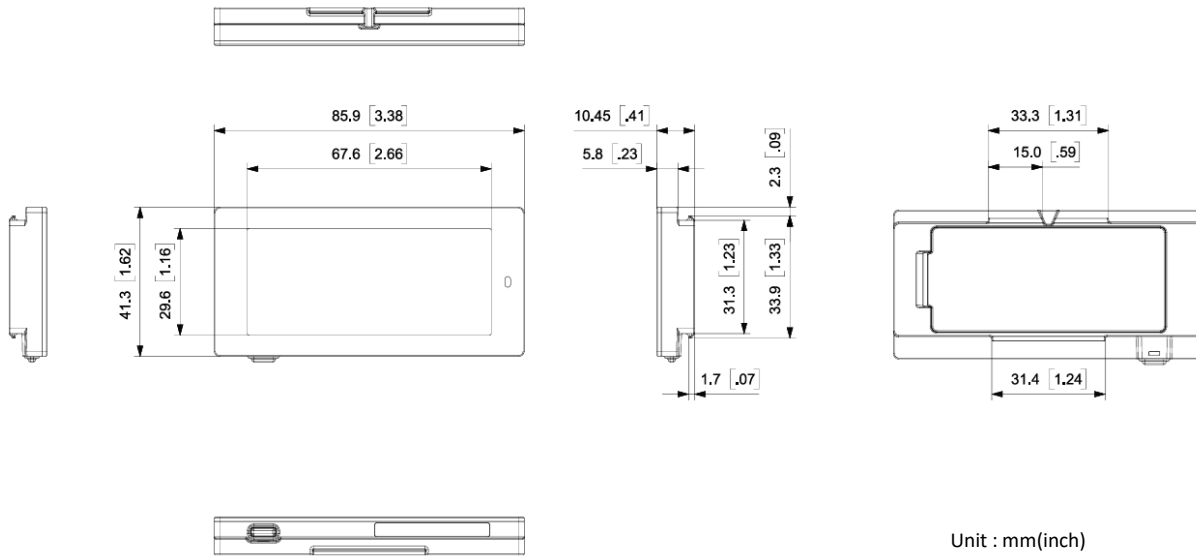


Unit : mm(inch)

MODEL	W: EL027F6W4A/WWW, B: EL027F6B4A/WWW
DIMENSION	76.0 x 49.5 x 10.5 mm (2.99 x 1.95 x 0.41 inch)
ACTIVE DISPLAY AREA	57.3 x 38.2mm (2.25 x 1.50 inch)
RESOLUTION (Pixel)	300 x 200
PIXEL DENSITY	133 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.9 inch

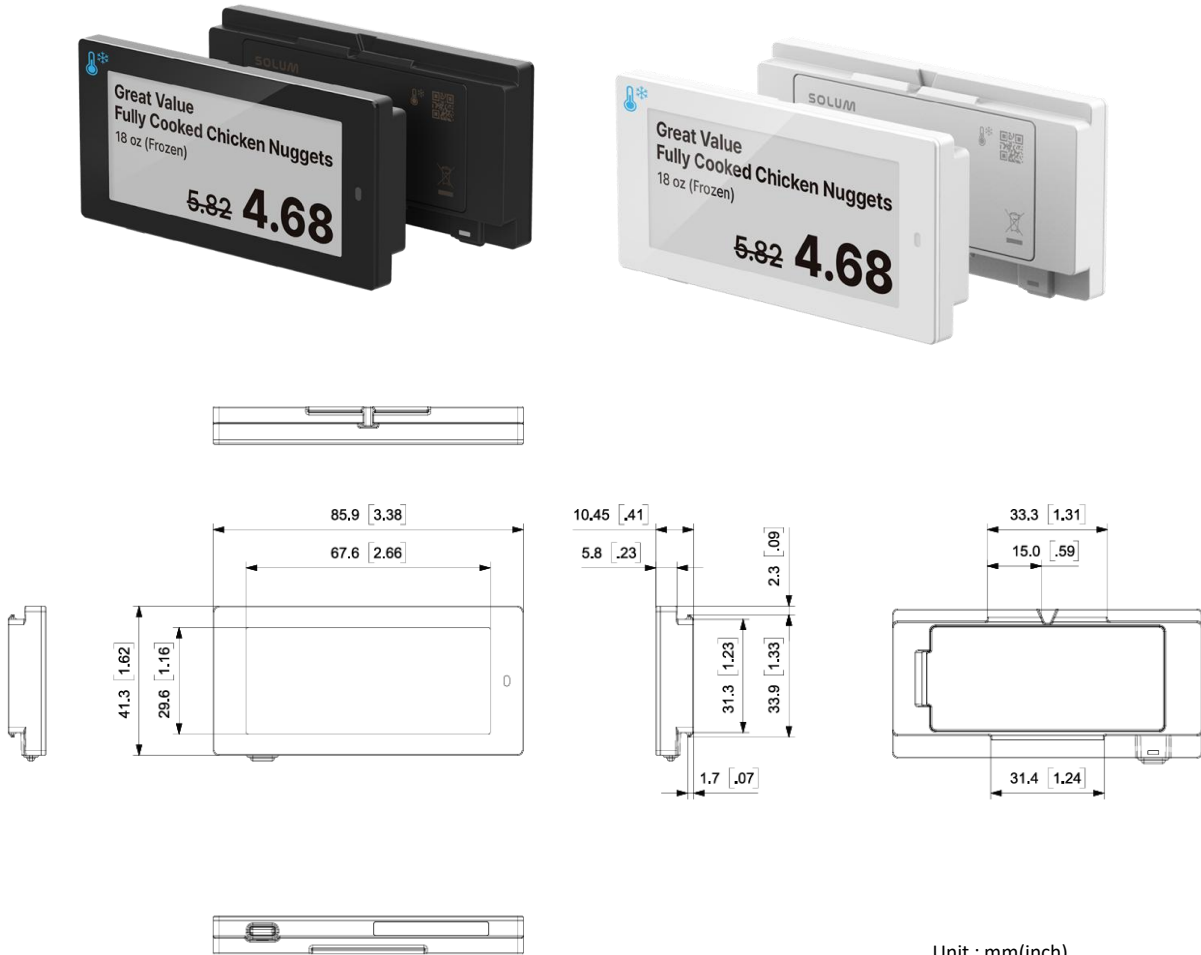


Unit : mm(inch)

MODEL	W : EL029F6W4A/WWW, B : EL029F6B4A/WWW
DIMENSION	85.9 x 41.3 x 10.45 mm (3.38 x 1.62 x 0.41 inch)
ACTIVE DISPLAY AREA	67.6 x 29.6 mm (2.66 x 1.16 inch)
RESOLUTION (Pixel)	384 x 168
PIXEL DENSITY	144 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

2.9 inch Freezer

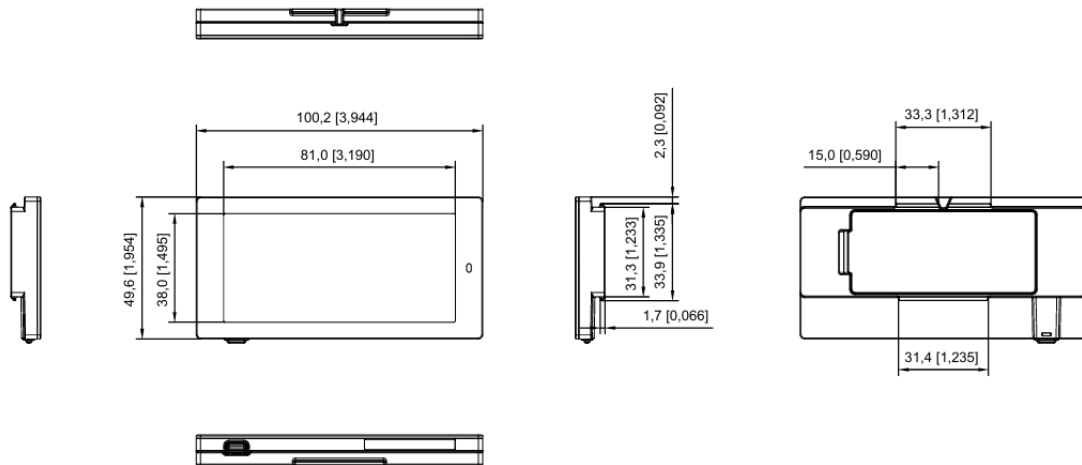


Unit : mm(inch)

MODEL	W : ELF29F6WMA/WWW, B : ELF29F6BMA/WWW
DIMENSION	85.9 x 41.3 x 10.45 mm (3.38 x 1.62 x 0.41 inch)
ACTIVE DISPLAY AREA	67.6 x 29.6 mm (2.66 x 1.16 inch)
RESOLUTION (Pixel)	384 x 168
PIXEL DENSITY	144 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BW (Black, White)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	-13F ~ 31F (-25C ~ 0C)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 5 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

3.5 inch

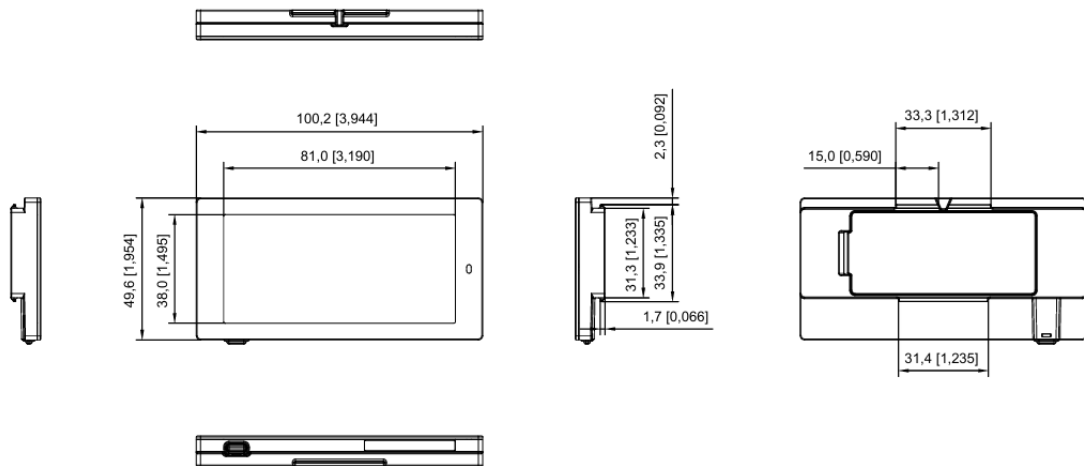


Unit : mm(inch)

MODEL	W : EL035F6W4A/WWW, B : EL035F6B4A/WWW
DIMENSION	100.20 x 49.6 x 10.45 mm (3.94 x 1.95 x 0.41 inch)
ACTIVE DISPLAY AREA	81.0 x 38.0 mm (3.19 x 1.50 inch)
RESOLUTION (Pixel)	384 x 180
PIXEL DENSITY	120 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

3.5 inch Freezer

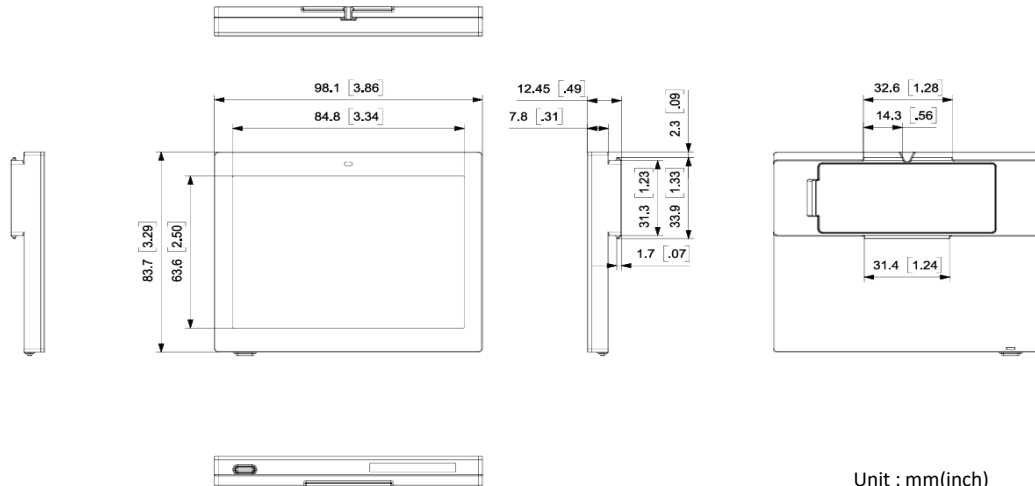


Unit : mm(inch)

MODEL	W : EL035F6W4A/WWW, B : EL035F6B4A/WWW
DIMENSION	100.20 x 49.6 x 10.45 mm (3.94 x 1.95 x 0.41 inch)
ACTIVE DISPLAY AREA	81.0 x 38.0 mm (3.19 x 1.50 inch)
RESOLUTION (Pixel)	384 x 180
PIXEL DENSITY	120 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BW (Black, White)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	-13F ~ 31F (-25C ~ 0C)
BATTERY	CR2450 x 2ea
BATTERY LIFETIME	Over 5 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

4.2 inch



Unit : mm(inch)

MODEL	W : EL042F6W4A/WWW, B : EL042F6B4A/WWW
DIMENSION	98.1 x 83.7 x 12.45 mm (3.86 x 3.29 x 0.49 inch)
ACTIVE DISPLAY AREA	84.8 x 63.6mm (3.34 x 2.50 inch)
RESOLUTION (Pixel)	400 x 300
PIXEL DENSITY	120 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 2ea
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

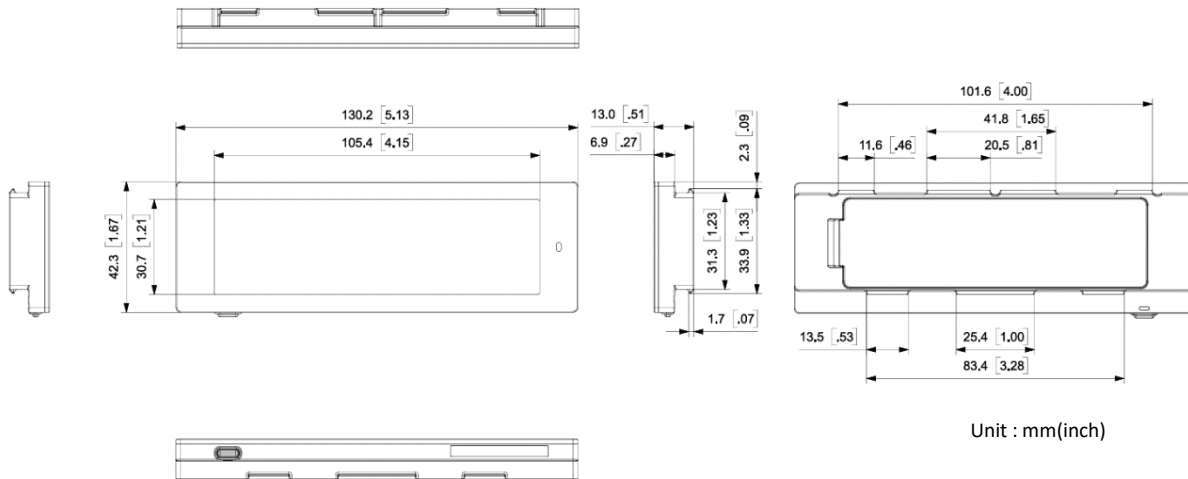
※ This specification May varies depending on the installation environment and user scenario.

SPECIFICATION SHEET

※ This specification May varies depending on the installation environment and user scenario.

MODEL	4.3"	4.5"	5.8"	6.1"	7.5"	9.7"	11.6"	12.2"
DIMENSION (mm/inch)	130.2 x 42.3 x 13.0 mm (5.13 x 1.67 x 0.51 inch)	128.6 x 53.0 x 13.0 mm (5.06 x 2.09 x 0.51 inch)	164.0 x 66.8 x 14.3 mm (6.45 x 2.63 x 0.56 inch)	133.20 x 109.96 x 14.90 mm (5.24 x 4.33 x 0.58 inch)	125.0 x 182.9 x 14.85 mm (4.92 x 7.2 x 0.58 inch)	170.2 x 223.6 x 14.85 mm (6.70 x 8.80 x 0.58 inch)	192.0 x 269.1 x 15.35 mm (7.50 x 10.6 x 0.60 inch)	216.2 x 260.0 x 15.35 mm (8.51 x 10.23 x 0.60 inch)
ACTIVE DISPLAY AREA (mm/inch)	105.4 x 30.7mm (4.15 x 1.21 inch)	104.2 x 38.2 mm (4.10 x 1.50 inch)	139.0 x 47.7 mm (5.47 x 1.88 inch)	118.78 x 88.22 mm (4.68 x 3.47 inch)	97.9 x 163.2 mm (3.8 x 6.4 inch)	141.12 x 201.6 mm (5.56 x 7.94 inch)	163.0 x 244.5 mm (6.42 x 9.63 inch)	190.1 x 237.6 mm (7.48 x 9.35 inch)
RESOLUTION (pixels)	522 x 152	480 x 176	792 x 272	648 x 480	480 x 800	672 x 960	640 x 960	768 x 960
PIXEL DENSITY	125 dpi	117dpi	144 dpi	138 dpi	126 dpi	121 dpi	100 dpi	102 dpi
DISPLAY TECHNOLOGY	Full Graphic E-Ink Display							
PIXEL COLORS	BWRY(Black, White, Red, Yellow)							
VIEWING ANGLE	Nearly 180°							
USABLE PAGES	Up to 7 pages							
OPERATING TEMPERATURE	0 ~ 40° / 32 ~ 104°F							
BATTERY LIFETIME	Over 10 years (2 Updates/day)							
BATTERY	CR2450 x 3 (Battery pack)		CR2450 x 4 (Battery pack)			CR2450 x 5 (Battery pack)		CR2450 x 6 (Battery pack)
ENCRYPTION	128-Bit AES							
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS							
NFC	FeliCa NFC Forum Type 3							
WATERPROOF	IP68							
BUTTON	1							
LED	7 Colors (Red / Green / Blue / Yellow / Cyan / Magenta / White)							
ESL OPERATING FREQUENCY	2.4 Ghz							
WIRELESS FIRMWARE UPDATE	Yes							

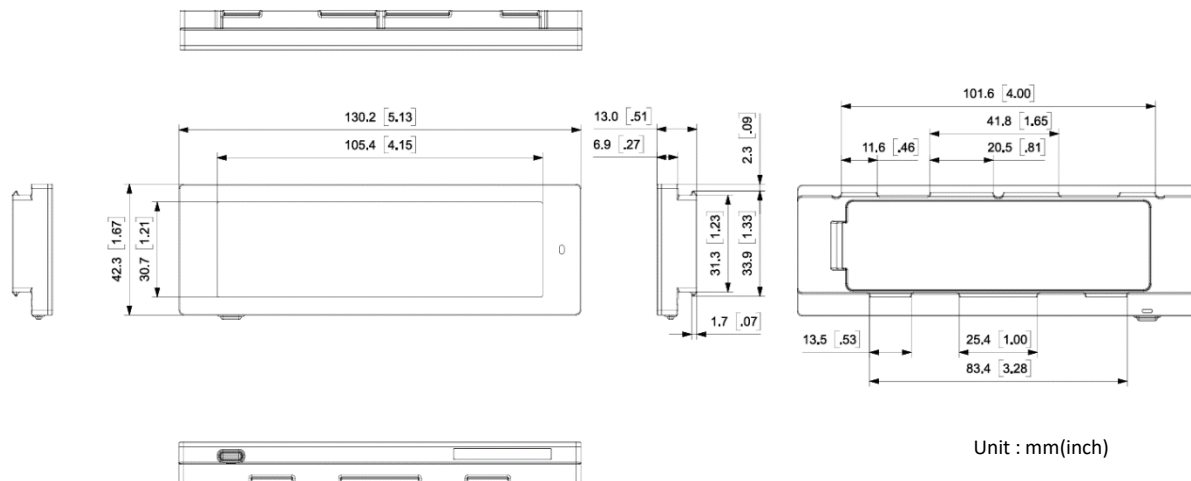
4.3 inch



MODEL	W : EL043F6W4A/WWW, B : EL043F6B4A/WWW
DIMENSION	130.2 x 42.3 x 13.0 mm (5.13 x 1.67 x 0.51 inch)
ACTIVE DISPLAY AREA	105.4 x 30.7mm (4.15 x 1.21 inch)
RESOLUTION (Pixel)	522 x 152
PIXEL DENSITY	125 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 3ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

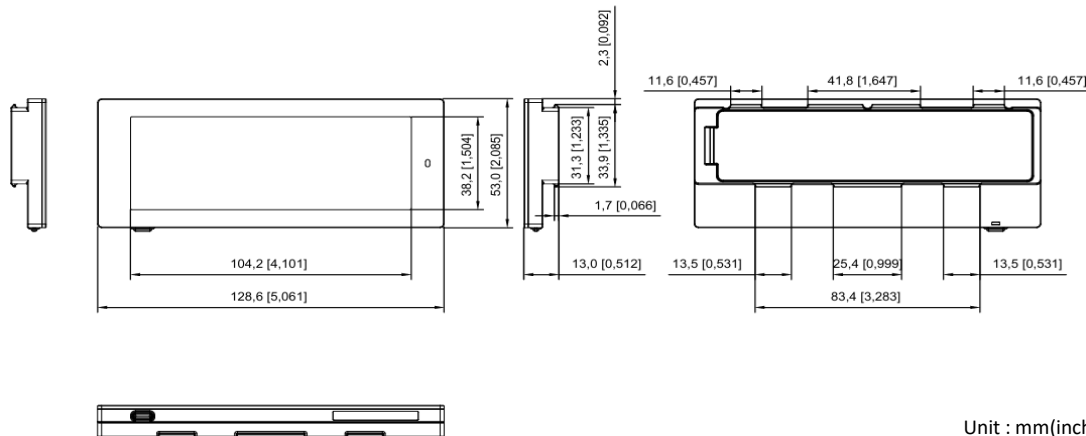
4.5 inch



MODEL	W : EL045F6W4A/WWW, B : EL045F6B4A/WWW
DIMENSION	128.6 x 53.0 x 13.0 mm (5.06 x 2.09 x 0.51 inch)
ACTIVE DISPLAY AREA	104.2 x 38.2 mm (4.10 x 1.50 inch)
RESOLUTION (Pixel)	480 x 176
PIXEL DENSITY	117 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 3ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

5.8 inch

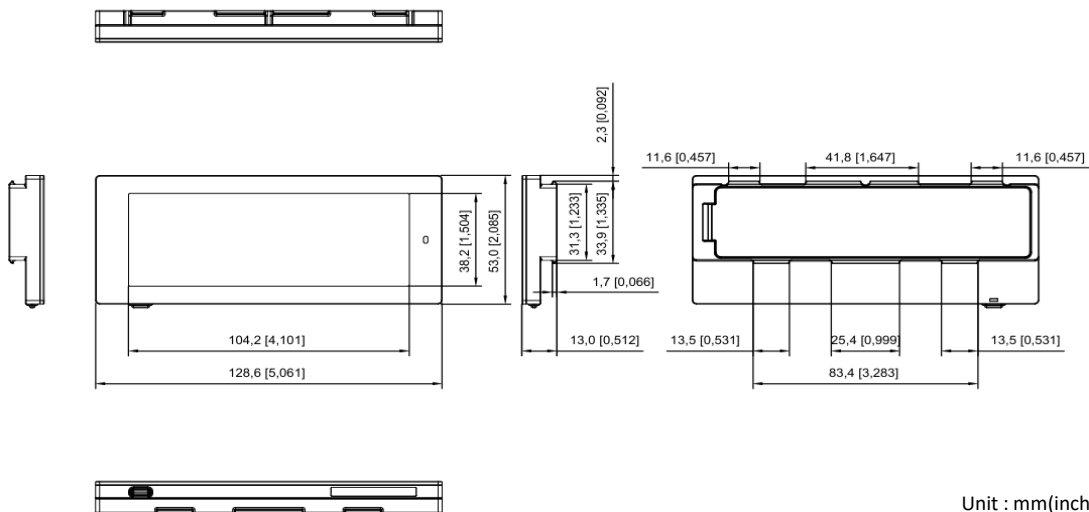


Unit : mm(inch)

MODEL	W : EL058F6W4A/WWW, B : EL058F6B4A/WWW
DIMENSION	164.0 x 66.8 x 14.3 (6.46 x 2.63 x 0.56 inch)
ACTIVE DISPLAY AREA	139.0 x 47.7 (5.47 x 1.88 inch)
RESOLUTION (Pixel)	792 x 272
PIXEL DENSITY	144 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 4ea (Battery pack)
BATTERY LIFETIME	Over 10 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

5.8 inch Freezer

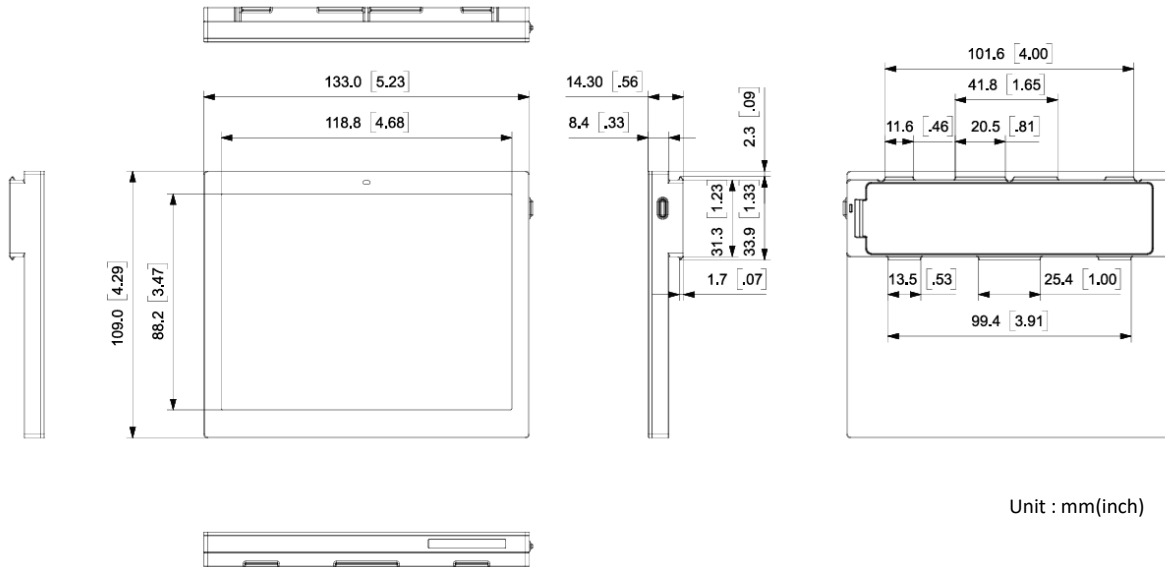


Unit : mm(inch)

MODEL	W : ELF58F6WMA/WWW, B : ELF58F6BMA/WWW
DIMENSION	164.0 x 66.8 x 14.3 (6.46 x 2.63 x 0.56 inch)
ACTIVE DISPLAY AREA	139.0 x 47.7 (5.47 x 1.88 inch)
RESOLUTION (Pixel)	792 x 272
PIXEL DENSITY	144 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BW (Black, White)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	-13F ~ 31F (-25C ~ 0C)
BATTERY	CR2450 x 4ea (Battery pack)
BATTERY LIFETIME	Over 7 years (1 Update/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

6.1 inch

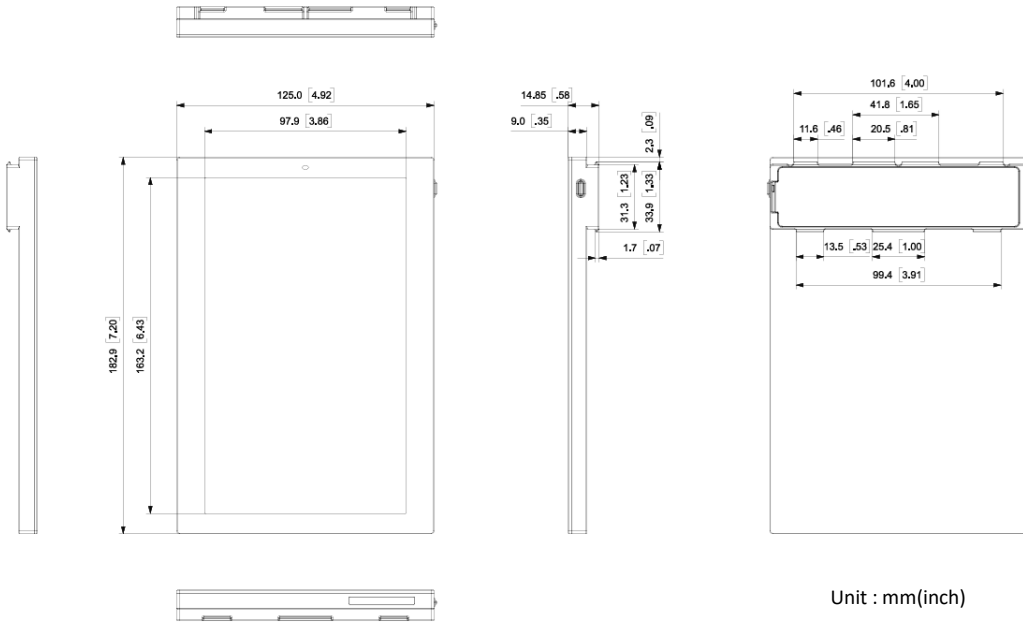


Unit : mm(inch)

MODEL	W: EL061F6W4A/WWW, B: EL061F6B4A/WWW
DIMENSION	133.20 × 109.96 × 14.90 mm (5.24 x 4.33 x 0.58 inch)
ACTIVE DISPLAY AREA	118.8 x 88.2 mm (4.68 x 3.47 inch)
RESOLUTION (Pixel)	648 x 480
PIXEL DENSITY	138 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 4ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

7.5 inch

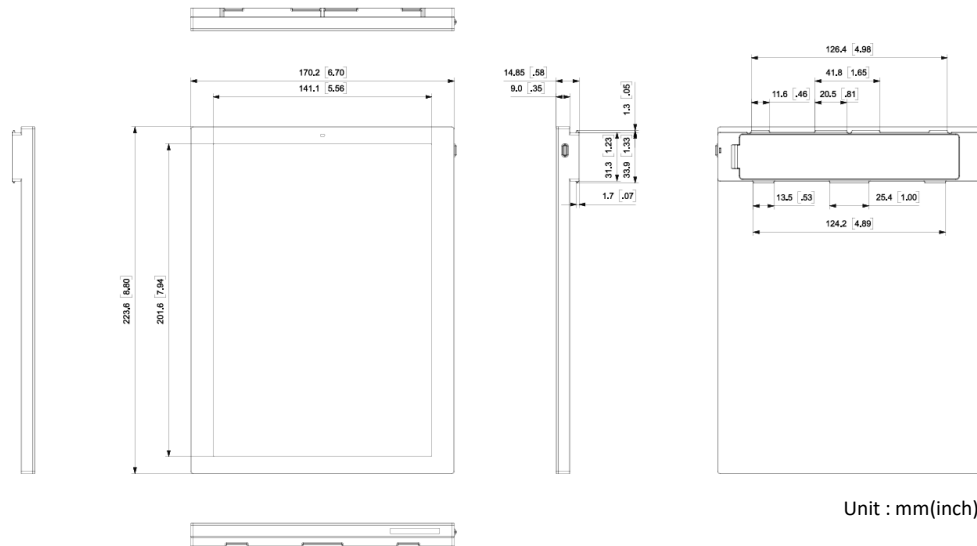


Unit : mm(inch)

MODEL	W : ELM75F6W4A/WWW, B : ELM75F6B4A/WWW
DIMENSION	125.0 x 182.9 x 14.85 mm (4.92 x 7.2 x 0.58 inch)
ACTIVE DISPLAY AREA	97.9 x 163.2 mm (3.86 x 6.43 inch)
RESOLUTION (Pixel)	480 x 800
PIXEL DENSITY	126 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 4ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

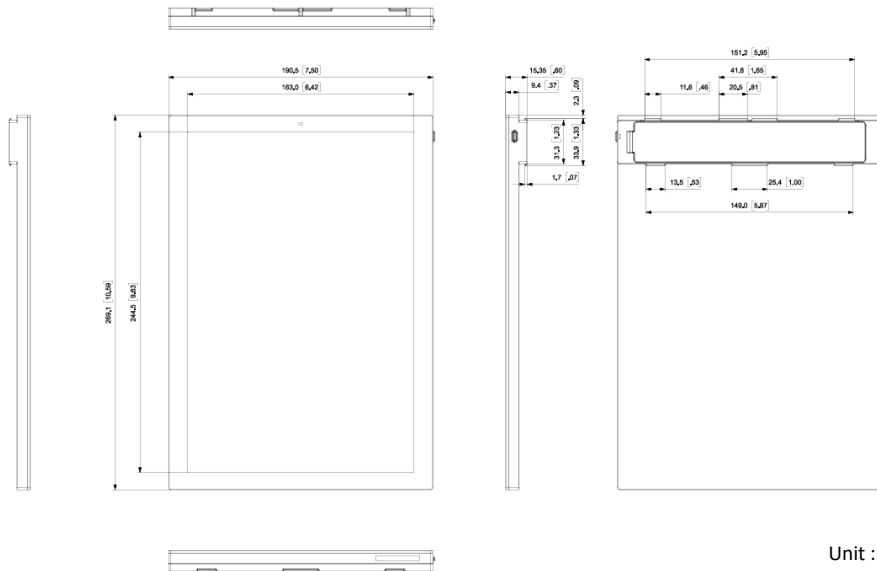
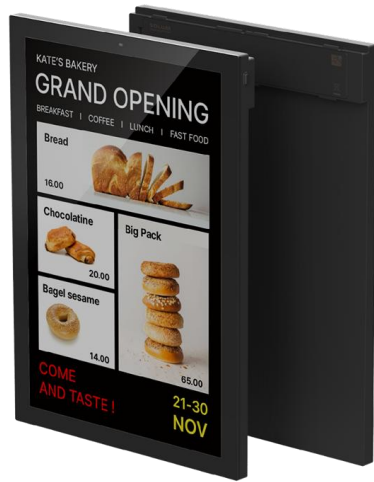
9.7 inch



MODEL	W : EL097F6W4A/WWW, B : EL097F6B4A/WWW
DIMENSION	170.2 x 223.6 x 14.85 mm (6.70 x 8.80 x 0.58 inch)
ACTIVE DISPLAY AREA	141.1 x 201.6 mm (5.56 x 7.94 inch)
RESOLUTION (Pixel)	672 x 960
PIXEL DENSITY	121 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 5ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

11.6 inch

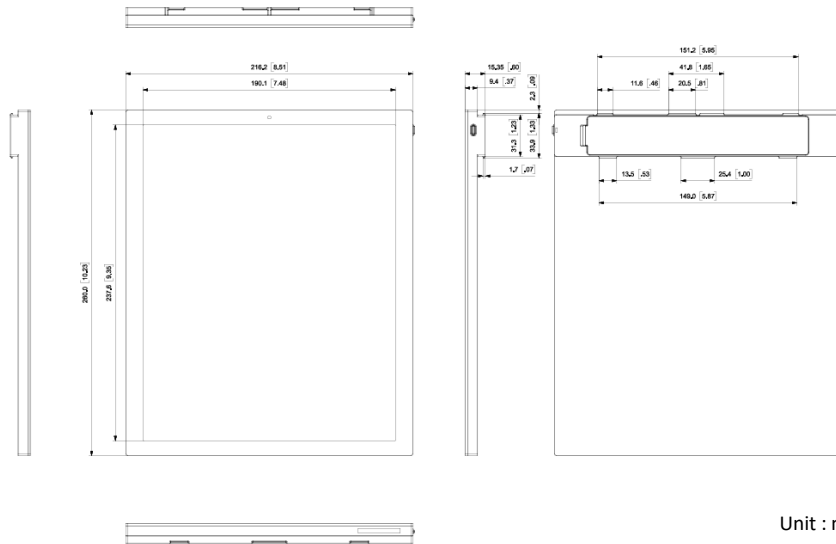


Unit : mm(inch)

MODEL	W : EL116F6W4A/WWW, B : EL116F6B4A/WWW
DIMENSION	192.0 x 269.1 x 15.35 mm (7.50 x 10.6 x 0.60 inch)
ACTIVE DISPLAY AREA	163.0 x 244.5 mm (6.42 x 9.63 inch)
RESOLUTION (Pixel)	640 x 960
PIXEL DENSITY	100 dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 5ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

12.2 inch



Unit : mm(inch)

MODEL	W : EL122F6W4A/WWW, B : EL122F6B4A/WWW
DIMENSION	216.2 x 260.0 x 15.35 mm (8.51 x 10.23 x 0.60 inch)
ACTIVE DISPLAY AREA	190.1 x 237.6 mm (7.48 x 9.35 inch)
RESOLUTION (Pixel)	768 x 960
PIXEL DENSITY	102dpi
DISPLAY TECHNOLOGY	Full Graphic E-ink Display
BEZEL COLOR	White / Black / Customizable Colors (Optional)
PIXEL COLORS	BWRY(Black, White, Red, Yellow)
VIEWING ANGLE	Nearly 180°
USABLE PAGES	Up to 7 pages
OPERATING TEMPERATURE	0 ~ 40°C (32 ~ 104°F)
BATTERY	CR2450 × 6ea (Battery pack)
BATTERY LIFETIME	Over 10 years (2 Updates/day)
ENCRYPTION	128-Bit AES
COMPLIANCE	FCC, IC, CE, UKCA, TELEC, KC, RoHS
NFC	FeliCa NFC Forum Type 3
WATERPROOF	IP68
BUTTON	1
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL OPERATING FREQUENCY	2.4 Ghz
WIRELESS FIRMWARE UPDATE	Yes

※ This specification May varies depending on the installation environment and user scenario.

THANK YOU