

E Ink Display Overview

Product Code	Diagonal Size	Resolution	DPI	Grey Level	Partial Update	Active Area	Outline Dimension	Panel Thickness	TFT Substrate	TCON Type
	(inches)		(dpi)			(mm)	(mm)	(mm)		
ET011TT2 (round)	1.10	240 x 240	218	4	Yes	27.9 x 27.9	34.6 x 31.8	0.53	Plastic	AIO
ET011TJ2 (round)	1.10	240 x 240	218	4	Yes	27.9 x 27.9	34.6 x 31.8	1.18	Plastic	AIO
ED013TC1	1.27	256 x 128	225	B/W	Yes	14.5 x 28.9	18.7 x 40.8	0.78	Glass	AIO
ET013TT1	1.30	256 x 256	279	B/W	No	23.3 x 23.3	28.4 x 27.1	0.4	Plastic	SW
ET014TT1	1.43	128 x 296	224	B/W	Yes	14.5 x 33.5	18.3 x 42.7	0.6	Plastic	SW
HINK-10154A45	1.54	200 x 200	188	B/W	Yes	27.0 x 27.0	31.8 x 37.3	1.05	Glass	AIO
EINK-E0213A37	2.13	104 x 212	110	B/W/Y	No	23.8 x 48.6	29.2 x 59	1.05	Glass	AIO
EL026TR1	2.66	296 x 152	125	B/W/R	No	60.1 x 30.7	71.82 x 36.3	1.1	Glass	AIO
EL026TR2	2.66	296 x 152	125	B/W/Y	No	60.1 x 30.7	71.82 x 36.3	1.1	Glass	AIO
ED028TC1	2.84	480 x 600	270	16	Yes	45.2 x 56.4	49.42 x 67.7	0.73	Glass	AIO
ED029TC1	2.90	128 x 296	112	B/W	No	66.9 x 29.1	36.7 x 79.0	1.15	Glass	AIO
EL029TR3	2.90	296 x 128	112	B/W/R	No	66.9 x 29.1	36.7 x 79.0	1.15	Glass	AIO
ET029TC1	2.90	200 x 300	123	B/W	No	61.5 x 41	80.2 x 50.22	0.65	Plastic	AIO
ET040TC2	4.05	480 x 720	213	B/W	No	57.1 x 85.7	63.5 x 98.9	0.68	Plastic	External
ED043WC3	4.30	480 x 800	217	16	Yes	56.2 x 93.6	62.4 x 106.4	0.91	Glass	External
ED047TC1	4.70	540 x 960	235	16	Yes	58.3 x 103.7	62.2 x 113.9	0.81	Glass	External
ET047TC1	4.70	540 x 960	235	16	Yes	58.3 x 103.7	62.1 x 115.2	0.68	Plastic	External
ED057TC2	5.65	600 x 448	132	B/W	No	114.9 x 85.8	125.4 x 99.5	1.18	Glass	AIO
ED060KC1	6.00	1072 x 1448	300	16	Yes	90.6 x 122.4	101.8 x 138.4	1.0	Glass	External
ED078KC1	7.80	1404 x 1872	300	16	Yes	118.6 x 158.2	127.6 x 173.8	0.78	Glass	External
ED097TC2	9.70	1200 x 825	150	16	Yes	202.8 x 139.4	218.8 x 156.4	1.18	Glass	External
ES103TC1	10.30	1404 x 1872	226	16	Yes	157.2 x 209.7	165.8 x 227.7	0.65	Plastic	External
ES133UT2	13.30	1600 x 1200	150	16	Yes	270.4 x 202.8	285.8 x 213.7	0.67	Plastic	External
ES133TT3	13.30	2200 x 1650	206	16	Yes	270.6 x 202.9	289.8 x 217.7	0.42	Plastic	External
ED133UT2	13.30	1600 x 1200	150	16	Yes	270.4 x 202.8	285.8 x 213.7	0.78	Glass	External

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ED140TT1	14.00	300 x 1440	108	B/W	No	70.5 x 338.4	85.7 x 349.2	0.95	Glass	External
ED312TT2	31.20	2560 x 1440	94	16	Yes	691.2 x 388.8	697.2 x 402.8	0.81	Glass	External
ED420TT1	42.00	2160 x 2880	85	16	Yes	642.6 x 856.8	650 x 872.5	0.81	Glass	External
AC057TC1 (N color)	5.65	600 x 448	132	Color	No	114.9 x 85.8	125.4 x 99.5	0.91	Glass	AIO
AC133UT1 (ACeP)	13.30	2200 x 1650	150	Color	No	270.4 x 202.8	285.8 x 213.7	0.99	Glass	External
EC312TT2 (Color Overlay)	31.20	1280 x 720	47	Color	Yes	691.2 x 388.8	697.2 x 402.8	1.1	Glass	External

14.02.20



Externally controlled displays do not have built-in controllers like traditional All-In-One (AIO) E Ink displays, instead they require an external controller such as ITE's IT8951. Externally controlled displays are larger and more capable than AIO displays (which have a maximum size of 5.7") and are better suited for real time HMI applications and for applications requiring relatively fast update rates. The IT8951 is a powerful e-paper controller that takes a variety of interfaces with some simple commands to easily control displays up to 13" and, by using multiple IT8951s together, displays of up to 42" can be controlled.

Ineltek is able to support and supply the IT8951 and also has several E Ink + ITE reference designs to help get you up and running with a prototype in a matter of minutes. Once you are ready to move on from evaluation, we aim to get you into production as quickly and as easily as possible.