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**displays**  
OVERALL SOLUTION EXPERT



## Welcome. About InterElcom

**InterElcom specialises in the distribution and wholesale of electronic components. Our team of experts has many years of experience in trading, as well as wide competences in the field of modern electronics technologies. Our mission is to simplify and streamline the entire process of component distribution, while providing the highest quality service possible. Our suppliers speak highly of the partnership with us, and our customers appreciate our reliable service, trustworthy information and excellent technical support.**

InterElcom is a leader in optoelectronics on the European market. We offer a wide range of TFT LCD displays and touchscreens, both for industrial and consumer applications. Apart from industry-standard LCD panels, we also offer customised products, tailored to customer specifications. We partner with the best manufacturers from all over the world to ensure high quality of our displays. We make every effort to guarantee that our

products always meet even the most demanding requirements. A diverse offer and attractive pricing are the reasons why you should choose InterElcom. If you are looking for an electronic components supplier that you can rely on, you have just found it.

**We invite you to browse our catalogue of LCD displays.**

**IE-F-2531C005S-CB-1**  
LCD DISPLAY 1.3"



Display size	1.3"
Resolution	240x240 px
Luminance	400 cd/m2
Viewing angle	80°/80°/80°/80°
Outline dimension	∅47.30 mm
LCD type	IPS
Interface	SPI
Touch panel	CTP
Display driver	GC9A01
Touch panel driver	CHSC6413

**IE-F-2531CS03S-CB-1**  
LCD DISPLAY 1.3"



Display size	1.3"
Resolution	240 x 240 px
Luminance	350 cd/m2
Viewing angle	80°/80°/80°/80°
Outline dimension	39.45x32.98 mm
LCD type	IPS
Interface	SPI, MCU 8-bit
Touch panel	CTP
Display driver	ST7789
Touch panel driver	FT3267

**IE-TFT-028320240-02001**  
LCD DISPLAY 2.8"



Display size	2,8"
Resolution	320 x 240 px
Luminance	200 cd/m2
Viewing angle	6 o'clock
Outline dimension	69.10 x 51.60 mm
LCD type	IPS
Interface	MCU 8-bit, SPI
Touch panel	-
Display driver	-
Touch panel driver	-

**IE-D-1028CS04R18-CW-1**  
LCD DISPLAY 4.0"



Display size	4.0"
Resolution	480x480 px
Luminance	350 cd/m2
Viewing angle	80°/80°/80°/80°
Outline dimension	84.00x84.00 mm
LCD type	IPS
Interface	RGB 18-bit + SPI conf.
Touch panel	CTP
Display driver	GC9A01
Touch panel driver	CHSC6413

**IE-D-1028CS04R18-CB-1**  
LCD DISPLAY 4.0"



Display size	4.0"
Resolution	480 x 480 px
Luminance	350 cd/m2
Viewing angle	80°/80°/80°/80°
Outline dimension	84.00x84.00 mm
LCD type	IPS
Interface	RGB 18-bit + SPI conf.
Touch panel	CTP
Display driver	GC9A01
Touch panel driver	CHSC6413

**IE-D-1030CS03MP-CB-1**  
LCD DISPLAY 4.0"



Display size	4.0"
Resolution	720 x 720 px
Luminance	300 cd/m2
Viewing angle	80°/80°/80°/80°
Outline dimension	84.00x84.00 mm
LCD type	IPS
Interface	MIPI
Touch panel	CTP
Display driver	ST7703
Touch panel driver	FT6336U



**IE-A-1110BH05-CW-1**  
LCD DISPLAY 4.3"



Display size	4.3"
Resolution	480 x 272 px
Luminance	400 cd/m2
Viewing angle	65°/45°/65°/65°
Outline dimension	120.38x79.20 mm
LCD type	TN
Interface	RGB 24-bit
Touch panel	CTP
Display driver	ST7282
Touch panel driver	FT5436

**IE-A-1110BH05-CB-1**  
LCD DISPLAY 4.3"



Display size	4.3"
Resolution	480 x 272 px
Luminance	400 cd/m2
Viewing angle	65°/45°/65°/65°
Outline dimension	120.38x79.20 mm
LCD type	TN
Interface	RGB 24-bit
Touch panel	CTP
Display driver	ST7282
Touch panel driver	FT5436

**IE-TFT-0434827-400-RTP-12-A-2**  
LCD DISPLAY 4.3"



Display size	4.3"
Resolution	720 x 272 px
Luminance	400 cd/m2
Viewing angle	65°/45°/65°/65°
Outline dimension	105.50x67.20 mm
LCD type	TN
Interface	RGB 24-bit
Touch panel	Resisive
Display driver	ILI6485
Touch panel driver	-

**IE-G-1819AH06RLV-CB-1**  
LCD DISPLAY 7.0"



Display size	7.0"
Resolution	1024 x 600 px
Luminance	450 cd/m2
Viewing angle	85°/85°/85°/85°
Outline dimension	180.00x119.00 mm
LCD type	IPS
Interface	LVDS
Touch panel	CTP
Display driver	-
Touch panel driver	GT911

**IE-A-1816BH07-CB-1**  
LCD DISPLAY 7.0"



Display size	7.0"
Resolution	800 x 480 px
Luminance	500 cd/m2
Viewing angle	65°/45°/65°/65°
Outline dimension	179.96x119.00 mm
LCD type	TN
Interface	RGB 24-bit
Touch panel	CTP
Display driver	ILI5960
Touch panel driver	-

**IE-A-1816BH07R24-R0-1**  
LCD DISPLAY 7.0"



Display size	7.0"
Resolution	800 x 480 px
Luminance	500 cd/m2
Viewing angle	65°/45°/65°/65°
Outline dimension	179.96x119.00 mm
LCD type	TN
Interface	RGB 24-bit
Touch panel	Rezystancyjny
Display driver	ILI5960
Touch panel driver	-

DISPLAY SIZE	MODEL PN	SYMBOL	RESOLUTION (PIXEL)	OUTLINE DIMENSION (MM X MM)	LUMINANACE (CD/M2)	VIEW	INTERFACE	TOUCH PANEL AVAILABLE
0.96"	IE-C-0101CV05S-00-1	0007045	80 X 160	13.50 x 27.95	400	All	SPI	-
1.3"	IE-F-2531C005S-CB-1	0007566	240 x 240	∅ 47.30	600	All	SPI	CTP
	IE-E-2531C005S-C0-1	0007135	240 x 240	∅ 35.60	400	All	SPI	CTP
	IE-E-2531C005S-00-1	0007134	240 x 240	∅ 35.60	400	All	SPI	-
	IE-C-2531CS04S-00-1	0007492	240 x 240	26.16 x 29.22	350	All	SPI	-
	IE-F-2531CS03S-CB-1	0007567	240 x240	32.98 x 39.45	350	All	SPI	CTP
1.44"	IE-TFT-144128128-016-06	0004524	128 x 128	34.41 x 29.00	200	6H	SPI	-
1.77"	IE-TFT-177128160-015-06	0004528	128 x 160	43.70 x 34.00	200	12H	SPI	-
2.0"	IE-TFT-020176220-017-06	0004531	176 x 220	51.10 x 37.56	200	12H	SPI	-
	IE-A-0406CV02S-00-1	0005867	240 x 320	48.20 x 35.60	250	12H	SPI/MCU	-
2.2"	IE-TFT-022176220-018	0004548	176 x 220	54.36 x 40.3	200	12H	SPI/MCU	-
2.4"	IE-TFT-024320240-00303	0004550	320 x 240	42.72 x 60.26	200	12H	SPI/MCU	-
	IE-TFT-024320240-00301	0006075	320 x 240	42.72 x 60.26	200	12H	SPI/MCU	-
2.8"	IE-TFT-028320240-020-BN	0005065	320 x 240	51.60 x 69.10	250	6H	SPI/MCU	-
	IE-TFT-028320240-02001	0005449	320 x 240	51.60 x 69.10	250	6H	SPI/MCU	-
3.2"	IE-TFT-032320240-02001	0006141	320 x 240	77.7 x 56.64	250	12H	SPI/MCU	-
3.5"	IE-D-0907CS10R24-RMF-1	0007491	240 x 320	63.84 x 76.84	650	ALL	RGB	RTP
	IE-D-0907CS13R24-R0-1	0007351	240 x 320	63.84 x 76.84	640	All	RGB	RTP
	IE-TFT-035320480-019-BN	0005218	320 x 480	82.74 x 54.56	500	12H	SPI/MCU	-
	IE-A-0908AV03MP-00-1	0005225	320 x 480	84.71 x 54.54	280	6H	MIPI	-
4.0"	IE-D1028CS04R18-CB-1	0007077	480 x 480	84.00 x 84.00	350	All	RGB	CTP
	IE-D-1028CS04MP-CB-1	0007510	480 x 480	84.00 x 84.00	350	All	MIPI	CTP
	IE-D-1030CS03R18-CB-1	0007078	720 x 720	84.00 x 84.00	300	All	RGB	CTP
	IE-D-1030CS03MP-CB-1	0007509	720 x 720	84.00 x 84.00	300	All	MIPI	CTP
4.3"	IE-TFT-0434827-400-RTP-12-A-2	0006742	480 x 272	105.50 x 67.20	400	12H	RGB	RTP
	IE-A-1110BH05-CB-1	0005338	480 x 272	120.38 x 79.20	400	12H	RGB	CTP
	IE-0434827-400-CTP-12-A-2	0006743	480 x 272	105.50 x 67.20	400	12H	RGB	CTP
	IE-A-1110BH07R24-00-1	0007392	480 x 272	105.50 x 67.20	500	12H	RGB	-
	IE-G-1110AH04R24-C0-1	0007600	480 x 272	105.50 x 67.20	370	6H	RGB	CTP
	IE-G-1110AH04R24-R0-1	0007598	480 x 272	105.50 x 67.20	370	6H	RGB	RTP
	IE-A-1110CH04R24-CB-1	0006724	480 x 272	120.38 x 79.20	350	All	RGB	CTP
	IE-A-1110CH04R24-R0-1	0006723	480 x 272	105.50 x 67.20	350	All	RGB	RTP
5.0"	IE-G-1310AH04R24-R0-1	0007601	480 x 272	120.90 x 75.90	370	6H	RGB	RTP
	IE-G-1316AH04R24-R0-1	0007602	800 x 480	120.90 x 75.90	370	6H	RGB	RTP
7.0"	IE-G-1819AH06RLV-CB-1	0007694	1024 x 600	180.00 x 119.00	450	All	LVDS	CTP
	IE-A-1819CH02LV-C0-2	0006512	1024 x 600	164.80 x 100.00	250	All	LVDS	CTP
	IE-A-1816BH07R24-C0-1	0006246	800 x 480	165.00 x 100.00	500	12H	RGB	CTP
	IE-A-1816BH07-CB-1	0005886	800 x 480	179.96 x 119.00	500	12H	RGB	CTP
	IE-G-1816AH05R24L-CB-1	0007661	800 x 480	180.00 x 119.00	400	6H	RGB	CTP
	IE-A-1816BH07R24-R0-1	0006726	800 x 480	164.80 x 100.00	500	12H	RGB	RTP
10.1"	IE-A-2219BH04-C0-1	0005871	1024 x 600	143.00 x 235.00	450	12H	RGB	CTP
	IE-A-2219BH05LV-R0-2	0006380	1024 x 600	143.00 x 235.00	450	12H	LVDS	RTP



### Evaluation kits

With our free evaluation kits, you can easily and quickly get your display working with your own images. Thanks to them, our customers can fully assess the capabilities of a specific display before deploying it in a new design. Display test pictures, play video clips and test multi-touch gestures – all in one device.



However, our evaluation kits are not just ordinary demo boards. Thanks to exposed programming headers, complete and detailed documentation, as well as code samples provided by us, our kits can be used as a development base or a reference design for a custom project. Featuring 3D printed enclosures with a convenient kickstand, they also allow you to work more comfortably and keep your workspace tidy.

## Customized displays.

InterElcom allows you to turn your product concept into reality by providing personalised LCD displays. Whether it is a simple modification to an existing product or a completely new design, we are open to your requests. Virtually every aspect of the display can be tailored to your exact specifications.

Customizability allows you to fully focus on your product vision and leave the technical details to us. As you would expect, our experienced engineering team is there to assist and support you at every step of the way.

Features that we are able to customise include:

- bezel design and colour, front glass thickness;
- touch panel type and specifications;
- bonding method: air bonding or optical bonding;
- FPC cable length and shape;
- LED backlight configuration.





