

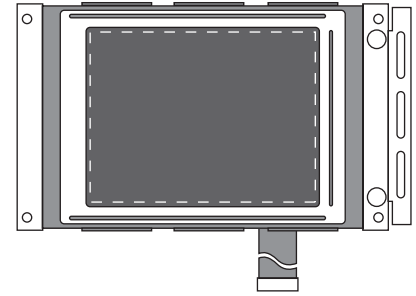
HANTRONIX LCD Display Modules



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HANTRONIX GRAPHIC DISPLAY MODULES

The Hantronix Advantage is the ability to add value and provide a competitive-edge for their customers in the global market. As a partner-supplier, they are committed to delivering additional value to your business. All Hantronix production facilities are ISO9001 certified and utilize the most modern production equipment to produce the highest quality displays. Hantronix offers one of the largest selection of standard LCD's in the industry. Power Supply Voltage (VDD) is +5.0V.



HDM3224-1-9J1F Illustrated (320 x 240 dot pixels)

Yellow LED Backlight

For quantities of 200 and up, call for quote.

Hantronix Part No.	Fluid Type	Viewing Mode	Number of Pixels (W x H)	Module Size (mm) (W x H x T)	Viewing Area (mm) (W x H)	Dot Size (mm) (W x H)	Dot Pitch (mm) (W x H)	Controller	Price Each			
									1	10	50	100
Operating Temp.: 0 to +50°C; Storage Temp.: -20 to +70°C												
HDM64GS12L-L30S	STN	Transflective-Positive	128 x 64	93.0 x 70.0 x 14.0	70.7 x 38.8	0.48 x 0.48	0.52 x 0.52	KS108B	28.60	26.46	24.31	22.17
HDM64GS24L-4-N31F	STN	Transflective-Positive	240 x 64	180.0 x 65.0 x 13.8	133.0 x 39.0	0.40 x 0.40	0.43 x 0.43	T6963C	77.80	71.97	66.13	60.30
HDM3224-5-N31F	STN	Transflective-Positive	320 x 240	134.5 x 117.0 x 14.0	103.0 x 79.0	0.27 x 0.27	0.30 x 0.30	None	114.12	105.56	97.00	88.44

White LED Backlight

For quantities of 200 and up, call for quote.

Hantronix Part No.	Fluid Type	Viewing Mode	Number of Pixels (W x H)	Module Size (mm) (W x H x T)	Viewing Area (mm) (W x H)	Dot Size (mm) (W x H)	Dot Pitch (mm) (W x H)	Controller	Price Each			
									1	10	50	100
Operating Temp.: 0 to +50°C; Storage Temp.: -20 to +70°C												
HDM64GS12L-Y10S	FSTN	Transflective-Positive	128 x 64	93.0 x 70.0 x 14.0	70.7 x 38.8	0.48 x 0.48	0.52 x 0.52	KS108B	32.04	29.64	27.23	24.83
HDM64GS24L-2-Y10S	FSTN	Transflective-Positive	240 x 64	180.0 x 65.0 x 13.8	133.0 x 39.0	0.40 x 0.40	0.43 x .43	T6963C	71.28	65.93	60.59	55.24
HDM2432L-T-Z18F	FSTN	Transflective-Positive	240 x 320	71.5 x 94.1 x 7.9	60.6 x 79.8	0.225 x 0.225	0.24 x 0.24	None	80.00	74.00	68.00	62.00
Operating Temp.: -20 to +70°C; Storage Temp.: -30 to +85°C												
HDM4832L	FSTN	Transflective-Positive	480 x 320	156.0 x 94.9 x 11.5	119.2 x 80.8	0.228 x 0.228	0.24 x 0.24	None	120.90	111.83	105.79	99.74

CCFL Backlight

For quantities of 200 and up, call for quote.

Hantronix Part No.	Fluid Type	Viewing Mode	Number of Pixels (W x H)	Module Size (mm) (W x H x T)	Viewing Area (mm) (W x H)	Dot Size (mm) (W x H)	Dot Pitch (mm) (W x H)	Controller	Price Each			
									1	10	50	100
Operating Temp.: 0 to +50°C; Storage Temp.: -20 to +70°C												
HDM64GS24Y-4-C21F	FSTN	Transmissive-Positive	240 x 64	180.0 x 65.0 x 13.8	133.0 x 39.0	0.40 x 0.40	0.43 x 0.43	T6963C	84.26	77.94	73.11	68.24
HDM3224-1-9J1F	FSTN	Transmissive-Negative	320 x 240	167.1 x 109.0 x 11.0	122.0 x 92.0	0.33 x 0.33	0.36 x 0.36	None	107.90	99.81	91.72	83.62
HDM6448-S-9JPF	FSTN	Transmissive-Negative	640 x 480	205.5 x 141.0 x 7.0	153.0 x 115.4	0.21 x 0.21	0.23 x 0.23	None	166.06	153.61	141.15	128.70

Chip-On-Glass (COG)

For quantities of 200 and up, call for quote.

Hantronix Part No.	Fluid Type	Viewing Mode	Number of Pixels (W x H)	Module Size (mm) (W x H x T)	Viewing Area (mm) (W x H)	Dot Size (mm) (W x H)	Dot Pitch (mm) (W x H)	Controller	Price Each			
									1	10	50	100
Operating Temp.: 0 to +50°C; Storage Temp.: -20 to +70°C												
HDG12864F-1-S00F	FSTN	Reflective-Negative	128 x 64	77.5 x 51.3 x 2.8	70.7 x 38.8	0.48 x 0.48	0.52 x 0.52	SED1565	20.44	18.91	17.37	15.84
Operating Temp.: -20 to +70°C; Storage Temp.: -30 to +85°C												
HDG320240	FSTN	Transflective-Positive	320 x 240	88.3 x 69.1 x 2.2	79.8 x 60.6	0.225 x 0.225	0.24 x 0.24	None	46.14	42.68	39.22	35.76

Color with CCFL Backlight

For quantities of 200 and up, call for quote.

Hantronix Part No.	Fluid Type	Viewing Mode	Number of Pixels (W x H)	Module Size (mm) (W x H x T)	Viewing Area (mm) (W x H)	Dot Size (mm) (W x H)	Dot Pitch (mm) (W x H)	Controller	Price Each			
									1	10	50	100
Operating Temp.: 0 to +50°C; Storage Temp.: -20 to +70°C												
HDM3224-C	FSTN	Transmissive - Clear	320 x 240	168.0 x 111.0 x 9.0	120.0 x 90.0	0.09 x 0.33	0.093 x 0.036	None	182.23	153.07	138.49	123.91
HDM3224C-S	FSTN	Transmissive - Clear	320 x 240	76.8 x 103.7 x 7.9	62.8 x 82.8	0.234 x 0.068	0.249 x 0.083	None	122.64	113.44	104.24	95.05
HDM6424-C	FSTN	Transmissive - Clear	640 x 240	173.0 x 73.0 x 6.7	156.6 x 60.6	0.065 x 0.225	0.08 x 0.24	None	186.16	172.20	158.24	144.27
HDM6448C-7	FSTN	Transmissive - Clear	640 x 480	197.0 x 145.0 x 10.5	158.0 x 118.0	0.064 x 0.222	0.079 x 0.237	None	227.02	209.99	192.97	175.94
HDM6448SC-9J0F	FSTN	Transmissive - Clear	640 x 480	205.5 x 141.0 x 7.0	153.0 x 115.4	0.053 x 0.21	0.078 x 0.235	None	253.56	234.54	215.53	196.51

INVERTERS FOR BACKLIGHTS

For quantities of 100 and up, call for quote.

Hantronix Part No.	Graphic Modules Supported	Input Voltage (min./typ./max.)(v)	Input Current (Typ)(mA)	Output Voltage (starting)(min./typ.)(v)	Output Current (Typ)(mArms)	Price Each			
						1	10	20	50
HVI-6	For HDM64GS24Y-4-C21F, HDM3224-1-9J1F, HDM6448-1-9JCF, and HDM3224-C.	10.8/12.0/14.0	180	----/900	5	8.87	8.38	7.89	7.40
HVI-7	For HDM6448-C, HDM6448C-7 and HDM6448SC.	10.0/12.0/15.0	540	1425/1500	6	22.55	21.30	20.05	18.80
HVI-9	For HDM3224C-S	----/5.0/----		----/500	1.5	6.89	6.51	6.13	5.75