

# HANTRONIX LCD Display Modules

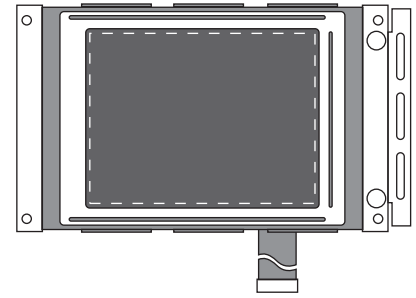


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## HANTRONIX GRAPHIC DISPLAY MODULES

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.

Our TFT displays deliver amazingly high contrast ratio, crisp color-saturation, exceptional viewing angles, and super bright WLED backlight performance. Additionally, most of our displays are available with integrated touch panel options. Some ideal applications for our TFT displays include instrumentation, industrial controls, handhelds, medical, control/home automation, and POSITIVE/retail applications.



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

Displays

Hantronix



### Color TFT Modules

\* Touch Screen Included

| MOUSER / Hantronix Part No. | Size | Viewing Size  | Number of Pixels (W x H) | Backlight    | Module Size (W x H x T) | Price Each |        |        |        |
|-----------------------------|------|---------------|--------------------------|--------------|-------------------------|------------|--------|--------|--------|
|                             |      |               |                          |              |                         | 1          | 5      | 10     | 50     |
| HDA351-LV                   | 3.5" | 70.08 x 52.56 | 320 x 240                | White LED    | 76.9 x 63.9 x 3.3       | 54.73      | 50.17  | 46.31  | 43.00  |
| *HDA351T-LV                 | 3.5" | 70.08 x 52.56 | 320 x 241                | White LED    | 76.9 x 63.9 x 3.4       | 69.79      | 63.98  | 59.07  | 54.87  |
| HDA430-3                    | 4.3" | 95.04 x 53.85 | 480 x 272                | White LED    | 105.6 x 67.2 x 3.9      | 63.36      | 58.67  | 56.58  | 52.80  |
| *HDA430T                    | 4.3" | 95.04 x 53.85 | 480 x 273                | White LED    | 105.6 x 67.2 x 3.10     | 114.39     | 105.92 | 102.14 | 95.33  |
| HDA570S-VH                  | 5.7" | 115.2 x 86.4  | 320 x 240                | White LED    | 144 x 104.6 x 13        | 107.23     | 104.03 | 96.8   | 92.93  |
| *HDA570ST-VH                | 5.7" | 115.2 x 86.4  | 320 x 240                | White LED    | 144 x 104.6 x 13        | 121.74     | 118.11 | 109.9  | 105.51 |
| *HDA570ST-V                 | 5.7" | 118.3 x 89.7  | 320 x 240                | White LED    | 144 x 104 x 13.0        | 132.00     | 128.06 | 119.16 | 114.40 |
| *HDA570VT-V                 | 5.7" | 118.3 x 89.8  | 640 x 480                | White LED    | 144 x 104 x 13.0        | 155.23     | 150.60 | 140.13 | 134.53 |
| HDA570S-F                   | 5.7" | 118.3 x 89.10 | 320 x 240                | 400 NIT CCFL | 144 x 104.6 x 13.0      | 115.85     | 112.39 | 104.58 | 100.40 |
| HDA700L-1                   | 7.0" | 152.4 x 91.44 | 800 x 480                | White LED    | 166.6 x 109.4 x 10.0    | 116.15     | 112.69 | 104.86 | 100.67 |
| *HDA700LT-1                 | 7.0" | 152.4 x 91.44 | 800 x 480                | White LED    | 166.6 x 109.4 x 11.5    | 136.26     | 132.20 | 123.01 | 118.09 |

### Chip-On-Glass COG Modules

| MOUSER / Hantronix Part No. | Fluid Type | Viewing Mode      | Number of Pixels (W x H) | Backlight | Module Size (W x H x T) | Price Each |       |       |       |
|-----------------------------|------------|-------------------|--------------------------|-----------|-------------------------|------------|-------|-------|-------|
|                             |            |                   |                          |           |                         | 1          | 10    | 50    | 100   |
| HDG320240                   | FSTN       | Transflective     | 320 x 240                | None      | 88.3 x 69.1 x 2.2       | 51.26      | 46.14 | 41.94 | 38.45 |
| HDG12864F-1-S00F            | FSTN       | Reflective - Grey | 128 x 64                 | None      | 78 x 51 x 3             | 20.44      | 18.91 | 17.37 | 15.84 |

### Monochrome Modules

| MOUSER / Hantronix Part No. | Fluid Type | Viewing Mode             | Number of Pixels (W x H) | Backlight | Module Size (W x H x T) | Price Each |       |       |       |
|-----------------------------|------------|--------------------------|--------------------------|-----------|-------------------------|------------|-------|-------|-------|
|                             |            |                          |                          |           |                         | 1          | 10    | 50    | 100   |
| HDM64GS12L-Y11S             | FSTN       | Transflective - Positive | 128 x 64                 | White LED | 93.0 x 70.0 x 14.0      | 32.04      | 29.64 | 27.23 | 24.83 |
| HDM64GS24L-2-Y10S           | FSTN       | Transflective - Positive | 240 x 64                 | White LED | 180.0 x 65.0 x 13.8     | 71.28      | 65.93 | 60.59 | 55.24 |
| HDM3224-1-9JXF              | STN        | Transflective - Positive | 320 x 240                | CCFL      | 167 x 109 x 11          | 90.88      | 84.07 | 77.25 | 70.44 |

### Color STN Modules

| MOUSER / Hantronix Part No. | Fluid Type | Viewing Mode         | Number of Pixels (W x H) | Backlight | Module Size (W x H x T) | Price Each |        |        |        |
|-----------------------------|------------|----------------------|--------------------------|-----------|-------------------------|------------|--------|--------|--------|
|                             |            |                      |                          |           |                         | 1          | 10     | 50     | 100    |
| HDM6424-C                   | FSTN       | Transmissive - Clear | 640 x 240                | CCFL      | 173.0 x 73.0 x 6.7      | 186.16     | 172.20 | 158.24 | 144.27 |

## INVERTERS FOR BACKLIGHTS

| MOUSER / Hantronix Part No. | Graphic Module Supported                                      | Input Voltage  | Input Current (typ) (mA) | Output Voltage | Price Each |      |      |      |
|-----------------------------|---|----------------|--------------------------|----------------|------------|------|------|------|
|                             |   |                |                          |                | 1          | 10   | 50   | 100  |
| HVI-5E                      | EL BACKLIGHTS   | 3-6.5          | 57                       | 91.5           | 9.90       | 9.16 | 8.42 | 7.67 |
| HVI-6                       | HDM64GS24Y-4-C21F, HDM3224-1-9J1F, HDM6448-1-9JCF & HDM3224-C | 10.8/12.0/14.0 | 180                      | 900            | 8.87       | 8.38 | 7.89 | 7.40 |