



## VFD Filters



### VFD Filters

A VFD will wash out in direct sunlight. The advantage of a filter is to provide better contrast and protection for the VFD. There are two main types: Circular and regular polarized. Circular polarized come in gray and are hard coated providing the ultimate outdoor filter. The regular filters are a less expensive solution for indoor VFD's, but still can be used outdoors. This, however, will not provide the same protection as the gray ones. All filters are available in 2 x 20 and the 4 x 20 sizes.

Product	Size	Description
GRY202	2 x 20	Circular Polarized and hard coated Gray
GRY204	4 x 20	
BLU202	2 x 20	Standard Blue Filter
BLU204	4 x 20	
GRN202	2 x 20	Standard Green Filter
GRN204	4 x 20	
RED202	2 x 20	Standard Red Filter
RED204	4 x 20	

## Graphics LCD's



### GLK12232-25-SM Serial Graphics Display

This versatile compact display allows you to draw your own pictures or characters. The thin single board graphic LCD offers simultaneous text and graphic capabilities. You can upload fonts in any size, style or language.

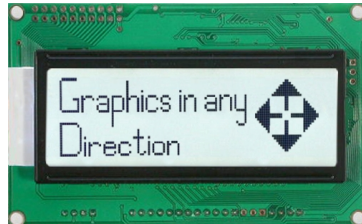
#### Product Specifications:

**Pixels:** 122 x 32 pixels (20 characters x 4 lines) ·  
**Active Area:** 53.64 x 14.04 mm, White backlight  
**Interface:** RS232 or I2C communications  
**Supply Voltage:** 5 VDC · **Supply Current:** 43 mA typical  
**Keypad:** 25 key Interface

#### Available options:

- Extended temperature (-E)
- Wide Voltage (-V)
- Wide Voltage & Extended Temperature (-V-E)

Model	GLK12232-25-SM(Silver)	GLK12232-25-SM(/Black)	GLK12232-25-SM-WB (Silver)	GLK12232-25-SM-WB (Black)
Backlight Color	White	White	Blue	Blue
Text Color	Blue	Blue	White	White



### GLK12232-25-FGW

#### Serial Graphics LCD with Keypad Interface - 122 x 32 Pixels

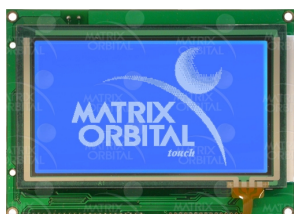
This 122 x 32 pixel, single board graphic LCD offers simultaneous text and graphics capabilities. You can upload fonts in any size, style or language. This display is the same size as our 20 x 4 character display but with graphics. The crisp new FFSTN color with **black** text and **grey/white** background is perfect for clearly displaying your information.

#### Product Specifications:

**Pixels:** 122 x 32 pixels (20 characters x 4 lines) ·  
**Active Area:** 69.50 x 20.50 mm  
**Interface:** RS232 or I2C communications ·  
**Supply Voltage:** 5 VDC · **Supply Current:** 128 mA typical  
**Keypad:** 25 key Interface

#### Available options:

- Extended temperature (-E)



### MOP-GLT240128D

**Pixels:** 240 x 128  
**Active Area:** 107.95 x 57.55 mm  
**Controller:** T6963  
**Supply Voltage:** 5 VDC  
**Keypad:** Touch screen

Model	-BBTW	-BGFW	-BYFY
Backlight Color	Blue	Grey/White	Yellow/Green
Text Color	White	Blue	Black