

VK202-25-USB

USD - USD

Categories

- 2017 Catalogue
- Why Matrix Orbital
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- Graphic TFT Touch



- Graphic TFT Touch
- EVE TFT Series
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Please note: This unit does not have the advanced GPO option (no fan header capabilities). Contact: sales@matrixorbital.ca for more information.

Matrix Orbital Vacuum Fluorescent Displays are bright, have a wide viewing angle, and work extremely well in locations where temperatures vary. VFDs are more responsive than LCD's in cooler climates and will maintain their quick response times in hot or cold temperatures while continuing to be bright and readable.

- 2x20 Vacuum Fluorescent Display
- Matrix Orbital intelligent interface for ease of use - USB
- Ideal in outdoor environments with extreme temperatures
- Adaptable for sunlight readability or additional contrast with [optional filters](#)
- 170 degree viewing angle
- 25-key keypad capable
- 1 year warranty, full support

Add a [VFD Filter](#) for greater readability in a variety of lighting conditions and to coordinate with your application. Need a cable or mounting bracket to complete the package, check out our Available Accessories section for [more options](#).

THIS PART HAS A UNDERGONE A CHANGE AS OF AUG 2015. PLEASE REVIEW THE PRODUCT CHANGE NOTICE HERE: [PCN](#)

Name	Quantity	Price (USD)
VK202-25-USB Base Product		
VK202-25-USB-E Extended Temperature option, -40 °C to +85 °C.		

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Available Accessories

VFD Filter 20x2

- BLU202A (Blue 20x2 VFD Filter) *USD*
- GRY202A (Gray 20x2 VFD Filter) *USD*
- RED202A (Red 20x2 VFD Filter) *USD*

Communication

- INTMUSB3FT (Internal 4pin to Mini-B 3ft) *USD*
- EXTMUSB3FT (External A to Mini-B 3ft) *USD*

Single Bay Inserts

- B2021-AL (Bracket - Silver Aluminum) *USD*
- B202A (Bracket - Beige 7 Button Keypad) *USD*
- B202A-SK (Bracket - Silver 7 Button Keypad) *USD*
- B2021-BL (Bracket - Black Aluminum) *USD*
- B202A-BK (Bracket - Black 7 Button Keypad) *USD*
- B2021-BK (Bracket - Black Vinyl) *USD*
- B202A-DR (Bracket - Dark Red 7 Button Keypad) *USD*

Keypad / Remote

- KPP202A-SK (7 Button Kpd Overlay) *USD*
- KPP202A-BK (7 Button Kpd Overlay) *USD*
- KPP202A-DR (7 Button Kpd Overlay) *USD*
- KPP4X4 (4x4 Button Keypad)

Mounting

- MK2021-BK (Black Vinyl Overlay) *USD*
- BEZ-202C-V1-W-OEM *USD* - *USD*
- MK2021-AL (Brushed Aluminum Overlay) *USD*
- MK2021-BL (Black Aluminum Overlay) *USD*

- USD
- KPP202A (7 Button Kpd Overlay) USD

Display Appearance

Character X Lines	Module Size 	Active Area	Character Size
20 x 2	116.00 x 37.00 x 29.48	70.80 x 11.50	2.40 x 4.70
Character Pitch	Pixel Size	Pixel Pitch	Text Color 
3.60 x 6.1	0.40 x 0.50	0.50 x 0.70	Blue/Green

Features

Interface Options	Keypad 	Dallas One Wire 	GPO 
USB	25	USB/Custom	6
Advanced GPO 	Buffer		
N/A	128 bytes		

Environmental Conditions

Operating Temp 	Storage Temp	Operating Temp (-E) 	Storage Temp (-E)
-20.00°C to 70.00°C	-40.00°C to 85.00°C	-40°C to +85°C	-50.00°C to 85.00°C
Max Humidity 			
80 %			

Power Requirements

Supply Current 	Backlight Current 	Inrush Current 
40 mA	170 mA	380 mA



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