



- **10.4" TFT LCD LED Backlight**
- **Resolution VGA (640x480)**
- **VT220 emulation**
- **Remote brightness switch**
- **Low power operation**
- **Rugged machined aluminium casing**

The AV6311-104-RM1 is VT200 Data Terminal display unit. For replacement of CRT VT220 control terminals. The unit emulates a VT220 terminal and is capable of transmitting and receiving data across its RS232 interface.

The terminal emulator has a keyboard connector which allows the user to setup the display parameters. The unit is powered by a single 90-264V AC supply. A remote brightness switch lead is incorporated into the unit to allow the user brightness selection.

The enclosure is milled from a single aluminium block for rugged operations. The front bezel is painted in DEFSTAN paint.

AV6311-104-RM1

10.4" VT220 Terminal Emulator– Rear Mounting

Technical Specifications

Display	
Panel Size	10.4" diagonal
Resolution	VGA (640 x 480 pixels)
Brightness	450cd/m ² (max)
Contrast Ratio	700:1
Response	30ms (Typical, Rising + Falling)
Viewing Angle	Horizontal ± 80° and Vertical + 60° to - 80° with CR = 10
Colours	16.7M colours, 262K
Backlight Technology	LED
Surface Treatment	Anti-glare, Hardness 3H
Optional Inputs / Outputs	
Command Link	RS232
Connectors	
	Power Connector: ABB03T10SL-3PCNVO
	Communications: 25 Way 'D' Type
	Keyboard Port: 9 Way 'D' Type
Mechanical	
Weight (Approx.)	4.5Kg
Dimensions	364mm x 230mm x 65mm
Bessel Finish	Painted Light Admiralty Grey
Environmental	
Humidity	90% @ +40°C noncondensing
Temperature	Operating Temperature: -20°C to +60°C
	Storage Temperature: -30°C to +85°C
	Cooling: No Moving Parts. Passive
Power	
	Input Power Voltage: 90-264V AC 50/60Hz 0.3A
	Isolated AC/DC Converter (IT & Medical Approvals)

Note:

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