



### VM-20 Series

#### Customizable Industrial Monitors

- 20" TFT Active Matrix Color LCD
- High Resolution For Excellent Image Quality
- Contrast Ratio 1000:1
- Video Inputs: VGA, S-Video, DVI, Component YCbCr, Composite (BNC Loop-Thru), NTSC/PAL
- Rugged Metal Housing
- Compact: Less Than 2" Deep
- 12VDC Output for Camera
- Can Be Customized to Meet Your Needs
- 3 Year Warranty

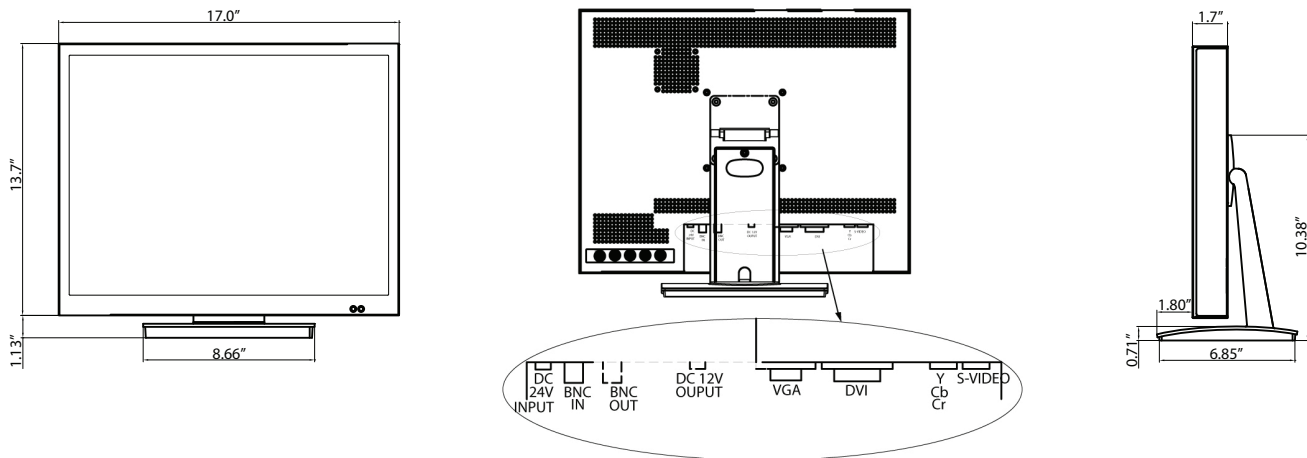
TRU-VU industrial LCD monitors are specifically designed for use in demanding industrial, commercial, medical and A/V applications. Every TRU-VU monitor utilizes industrial-grade components and high-end LCD panels not found in retail/consumer-grade monitors. This ensures superior image quality, improved performance and greater durability.

The VM-20 Series monitors offer excellent resolution, superior contrast and a wide range of video inputs. They are available in standard, open frame, rack mount, panel mount and touch screen configurations. An extensive list of available OEM options enables you to customize a solution to your specific needs. Visit [www.TRU-VUMonitors.com](http://www.TRU-VUMonitors.com) for more details.

### Specifications

MODEL	VM-20E	VM-20C
LCD Panel	20" TFT Color LCD	
Resolution	1600 x 1200 (UXGA)	1680 x 1050 (WSXGA)
Viewing Area	16.06" (W) x 12.05" (H)	17.06" (W) x 10.66" (H)
Pixel Pitch	0.255mm x 0.255mm	0.258mm x 0.258mm
Display Colors	16.7 Million	
Aspect Ratio	4:3	16:9
Brightness	300 nit	
Contrast Ratio	1000:1	
Viewing Angle	178° (H) x 178° (V)	160° (H) x 160° (V)
Response Time	8 msec (gray to gray)	5 msec (gray to gray)
Control	OSD (On-Screen Display) via Rear Panel Pushbuttons or Remote Control	
Video Inputs	VGA, S-Video, DVI, Component YCbCr, Composite (BNC Loop-Thru), NTSC/PAL	VGA, DVI
In / Output Impedance	75Ω / Auto Terminating Output	—
Speakers	No	Yes
Power Requirement	24 VDC (90-240 VAC with Included Power Supply)	12 VDC (90-240 VAC with Included Power Supply)
Power Consumption	55 Watts	50 Watts
Enclosure	Black Powder-Coated Steel (NEMA 2)	ABS
Mounting	Mounting Stand (shown) Included; VESA Mounting 75x75mm, 100x100mm	
Operating Temperature	14° F to 122° F	
Humidity	8-95% RH	
Shock	50 G (20 msec, ½ sine)	
Vibration	1.5 G RMS 10-200Hz	
Approvals	UL/cUL, FCC, CE, RoHS	
Dimensions	17.0" (W) x 13.7" (H) x 1.7" (D)	18.8" (W) x 15.6" (H) x 1.8" (D)
Weight	13 lbs.	13.6 lbs.

## VM-20E Dimensions:



## Standard Accessories:

- 90-240 VAC Power Supply
- Benchtop Stand
- VGA Cable
- Remote Control

## Available OEM Options:

- Protective/Anti-Reflective Glass Screen
- Touch Screen
- Rack Mount
- Open-Frame Configuration
- Private Label
- Other Customer - Specific Modifications