

Omni Vision Inc
504 Congress Circle North
Unit B
Roselle, IL 60172

Display Monitor Specialist

Tel: 630-893-1720
 FAX: 630-893-9991
 Web: www.omnivisionusa.com
 Email: info@omnivisionusa.com

Industrial TFT Color LCD Display Monitors
12.1" Chassis Version Monitor Used In
HURCO ULTIMAX IV CONTROLS

Made in the USA

VGA	Model #	Power input
31.5 kHz –48 kHz @ 60 Hz	MN12B1G1-Q6 OR MN12B1G1-S6	+12 vdc @ 1 amp



FEATURES

- Same easy to mount open frame, metal chassis as monochrome CRT monitors
- User service controls of brightness, contrast, auto set up, etc.
- User service controls accessed in rear
- Input signals –VGA/SVGA
- Input signal connector – thru 15 pin female D-Sub connector
- Standard Model Has anti-reflective polycarbonate protective panel attached to face of lcd panel
- Input power flexibility –Standard + 12 v d c
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others

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SPECIFICATIONS

Active Matrix	12.1" TFT color LCD (307.3 mm diagonal)
Usable Viewing Area (Size)	9.68" x 7.26" (246.0 x 184.5 mm)
Viewing Angle	Horizontal - right & left 70 degrees Vertical - upper 50degrees & lower 60 degrees
Dot Pitch	0.3075 x 0.3075 mm
Max Resolution	1078 X 768
Max Colors	16.2M/262K colors (262K-RGB 6-bit driver)
Response Time	Rise time - 10 millisec (typical) Fall time - 25 millisec (typical)
Horizontal Frequency	15.7 to 60 kHz
Vertical Frequency	56 to 85 Hz
Brightness (full white)	400 nits
Contrast Ratio	600:1
Input Signal	
VGA	31.5 kHz-48 kHz @ 60 Hz thru 15 pin female D-Sub
Power input	
DC voltage input	Standard +12 vdc thru 10 pins-Dual In Line locking header
Temperature	
Operating	0 to +50 degrees C
Storage	-20 to +60 degrees C