

Omni Vision Inc

2000 Bloomingdale Road
Units 245-250
Glendale Heights, IL 60139

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 6.5" Chassis Version Models

Made in the USA

VGA & NTSC (dual mode)	Model #	
DC Version – open frame	DM06A1G0-xx... Series	Input: +12 vdc
AC Version – open frame	DM06A4G0-xx... Series	Input: 110/220 VAC
DC Version – with bezel	DM06A1G0-B1... Series	Input: +12 vdc
AC Version – with bezel	DM06A4G0-B1... Series	Input: 110/220 VAC



FEATURES

- Easy to mount open frame, metal chassis (top & bottom flanges or side flanges)
- Options - resistive touch screens with RS232 or USB interface for Windows and other operating systems
- Optional - front mount bezel (panel mount ready) with option for **NEMA rated applications**
- User service controls of brightness, contrast, auto set up, etc
- User service controls accessed in rear standard
- Different models for different input signals - VGA/SVGA and NTSC or PAL
- Input power flexibility - standard +12 vdc at 2.0 Amps, other DC voltages or auto ranging AC power input from 100-240 VAC @ 47 to 63 Hz
- **RoHS compliant**
- Safety agency compliance - UL, cUL, and others
- Standard model has anti-reflective polycarbonate protective

Omni Vision Inc
2000 Bloomingdale Road
Units 245-250
Glendale Heights, IL 60139

Display Monitor Specialist

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

ELECTRICAL & DISPLAY SPECIFICATIONS

Active Matrix	6.5" TFT color LCD (165.1 mm diagonal)
Usable Viewing Area (Size)	5.22" x 3.91" (132.5 x 99.4 mm)
Viewing Angle	Horizontal – right & left 80 degrees Vertical - upper & lower 70 degrees
Dot Pitch	0.207 x 0.207 mm
Max Resolution	640 x 480
Max Colors	16.2 M / 262K colors
Response Time	Rise time – 15 millisecc (typical) Fall time – 10 millisecc (typical)
Horizontal Frequency	VGA mode 31.5 to 38 kHz / NTSC mode 15.75 kHz
Vertical Frequency	60 to 75 Hz
Brightness (full white)	800 nits
Contrast Ratio	600:1
Input Signal	
VGA/SVGA models	31.4 kHz to 38 kHz @ 60 Hz thru standard analog 15-pin HD mini "D" sub connector
NTSC/PAL models	Standard RCA connector or optional BNC adapter
Power input	
DC voltage input	Standard +12 vdc @ 2 Amps with option to request models With other DC voltage ranging from 9 volts to 48 volts
AC voltage input	Standard 100-240 VAC auto ranging @ 47 to 63 Hz Thru standard IEC-320 connector or 3-wire AC power cord
Temperature	
Operating	-30 to +80 degrees C
Storage	-30 to +80 degrees C

Mechanical Details

VGA/SVGA & NTSC/PAL models		
Open frame – flanges		
DC version	DM06A1G0-01	Drawing 94-xxx
AC version	DM06A4G0-01	Drawing 94-xxx
Bezel models (panel mount ready)		
DC version	DM06A1G0-B1	Drawing 94-xxx
AC version	DM06A4G0-B1	Drawing 94-xxx