

Rugged Engineered LCD

46" High Definition Display

Model: EMCH4600HDTV



The EMCH4600HDTV is iTechLCD's 46" display offering significant benefits with respect to dimensions, ruggedization and video quality. The 46HD combines unmatched mechanical integrity with exceptionally low weight to provide a unique, rugged display solution, especially for applications where space and weight are critical.

The EMCH4600HDTV features a 46" Active Matrix Liquid Crystal Display 1920 x 1080 offering excellent performance in terms of brightness, crispness, contrast and viewing angle. The bezel and mounting can be customized to address virtually any mounting need in any application. Additionally, the EMCH4600HDTV combines this high level of performance and versatility with a very competitive price/ performance value.

iTechLCD's displays have been designed and qualified for application in the most hostile environments. iTechLCD's rugged displays are well suited for specific naval combat, army and airborne applications.

Features

- 46" Color Active Matrix Liquid Crystal Display
- High Resolution 1920 x 1080 (HD 1080p)
- Designed and Built to Military Standards
- Remote Control
- VGA, DVI-D, Component, RF Tuner (NTSC), 2 x NTSC, Composite Video, Audio
- Polycarbonate Anti-Reflective Protective Window
- Wide Viewing Angle ± 88 Degrees

TECHNICAL SPECIFICATIONS	
Active Display Area	46" TFT Active Matrix LCD
Display Resolution	1920 x 1080 (HD 1080p)
LCD Technology	CCFL Backlighting
Input Interface	VGA (HD15) DVI-D, Component, 2 x NTSC (BNC), Composite Video, Tuner (RF), Audio IN/Out, Audio Line Out (2 x 5 Watt)
Brightness	450 cd/m2 (Typical)
Viewing Angle	± 88 Degrees All Directions (Typical)
Contrast Ratio	1800:1 (Typical)
Display Colors	16.7M
Power Supply	115 VAC 300 Watts (Typical)
User Controls	Volume Up/Down, Brightness/Dim, Power, Channel Up/Down, Menu, Mode
RIGOROUS MILITARY SPECIFICATIONS	
MIL-STD-167-1, Type 1	Vibration
MIL-STD-810	Environmental
MIL-STD-901D Grade A, Class I, Type B	Shock
MIL-STD-461E	EMI/EMC
ENVIRONMENTAL SPECIFICATIONS	
IP Rating	IP65 Drip Proof
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to +60°C
Humidity	5 to 95% @ RH Non-condensing

DIMENSIONS	INCHES	MILLIMETERS
Height	27.16"	690 mm
Width	44.50"	1130.3 mm
Depth	5.05"	128.3 mm
Weight	80 lbs	36.3 kg

***Specifications subject to change without notice, not responsible for typographical errors.**

Mechanical Drawings

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

