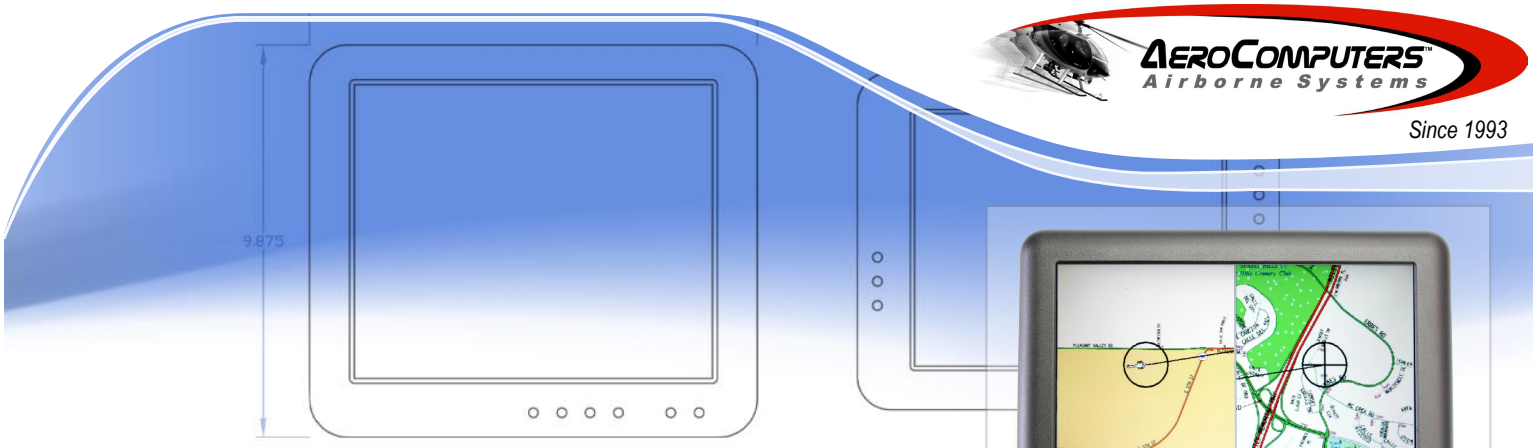
AeroComputers™ Airborne Systems

Since 1993



ULTRA HIGH RESOLUTION HD TOUCHSCREEN

AC-SERIES > > >

AC-12

AC-10

V3.3 07.10.2008

AeroComputers announces the release of the AC-Series of Ultra High Resolution HD Display-Monitors.

Seamlessly integrated with the ***UltiChart LE-5000™*** tactical computer system, these displays are available in sizes ranging from 8.4 to 22 inches and are optimized for use in any airborne application. All models feature extremely durable billet aluminum, powder coated enclosures, extra-bright backlights, anti-reflective enhancements for daytime viewing and incorporate a night vision compatible filter system for NVG operations. Also available is an extremely accurate touch-screen to facilitate setting targets or operating Computer Aided Dispatch software in flight.

The optional HD-SDI direct input is available for all Ultra High Resolution displays. Display-monitors are capable of directly displaying true HD. Inputs range from 1080i, 1080p, 720p, 525i, 625i, SMPTE-259/292/296, SDI/HD-SDI and analog video formats from the latest high definition cameras on the market today. With ***AeroComputers***' HD-SDI equipped display-monitors, users can now take the direct output from these high definition cameras without losing resolution thereby enhancing clarity of onscreen images.

INSTALLATION / MOUNTING

- Displays have 12 equally spaced 8/32" holes around the perimeter for mounting
- Displays incorporate a 60061 T-6 Billet Aluminum body with an added thickness 3/8" material around mid-lower sides for mounting

PANEL SPECIFICATIONS	AC10	AC12
SIZE *	10.4" *(26.42 cm)*	12.1" *(30.8 cm)*
ACTIVE AREA	211.1 x 158.4 mm	246 x184.5 mm
PIXEL FORMAT	800 x 600 / **1024 x 768**	800 x 600 / **1024 x 768**
PIXEL PITCH	0.33 x 0.33	0.3075 x 0.3075
NO. OF COLORS	262,144	262,144
BRIGHTNESS	700 cd/m2	900 cd/m2
VIEWING ANGLE (U/D/R/L)	40/50/60/60	40/50/60/60
BACK-LIGHT	CCFL (4)	CCFL (4)
RESPONSE TIME	15 ms.	35 ms.

* *Please contact us about additional display sizes and custom configurations.*

ON-SCREEN MENU

Easy to use on-screen display menu to control all supported functions:

- Automatic adjustment for screen image control
- Bright, contrast control and back-light control
- Manual geometry control for H/V position, H size, and phase adjustment
- Color balance and color temperature control
- Positioning of OSD menu and 5 language selection (One language in TV)
- Input source selection
- Tint and sharpness control for video screen
- Up to 4 key OSD control button
- Vertical / horizontal image flip

AeroComputers, Inc., based in Oxnard, California, has been designing, building and marketing computer systems that manage tactical operations for airborne applications since 1993. Currently employed by over 150 law enforcement, fire, military and other public safety agencies worldwide, AeroComputers is the industry leader in providing mission management systems that integrate GPS-based moving maps, image collection and transmission, illumination and data storage.

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