

# BADGER

**INTEGRATED FLIGHT DISPLAY SYSTEMS**  
For Production & Retrofit Applications



## Astronautics

DISPLAYS & COCKPIT INTEGRATION



**Flexible**  
Platform, Display, &  
Interface



**Reliable**  
>15,000 Hours MTBF



**Capable**  
High-Definition Video

# BADGER

## SYSTEMS INCLUDE:

- ✓ Multifunction Displays
- ✓ Data Concentration
- ✓ Systems Integration  
with Federated 3rd Party Equipment

## FEATURES & BENEFITS

- ✓ All 3rd party systems integrated by Astronautics for one complete solution
- ✓ Tailorable to meet customer mission
- ✓ Several serial & analog interfaces
- ✓ Landscape or portrait installation
- ✓ Supports multiple engine types
- ✓ Field-loadable software
- ✓ NVIS compatible
- ✓ Passive cooling

## BADGER INSTALLED ON:

- Pilatus PC-7/9
- C-130/L-100
- P-3 Orion
- U/TH-1
- AB-212
- SARAS
- Boeing 747
- & more...



## A Truly Open System Based on **HD VIDEO**

- Display any application via video input
- Multiple video input sources available
- Fully configurable cockpit display layout
- Not reliant on expensive software



## Configurable Display Graphics

Tapes vs Dials, Layout etc.  
All with no major cert impact



**Multifunction • Mission Ready • World-Class Displays**

# PRODUCT SPECIFICATIONS



<b>HD VIDEO</b>	RGB/YPbPr RS-170A	DVI-D 1.0 SMPTE 292M
<b>DISPLAY</b>	<b>Viewable Area:</b> <b>Resolution:</b> <b>Viewing Angle:</b> <b>Luminance:</b> <b>Contrast Ratio:</b>	10.0" Diagonal XGA 1024 x 768 >±70° H & V (CR>10:1) 0.05 fL to 200 fL >7.1 in 10k fc ambient
<b>INTERFACE</b>	ARINC 429 in/out ARINC 453 input ARINC 568 input Discrete in/out	RS422 in/out RS-232 full-duplex Synchro input Analog in/out
<b>CERT</b>	FAA TSO-C113a Inquire about all additional relevant FAA TSOs	DO-160F DO-178B, Level A DO-254, Level A



## DIMENSIONS

10.0" H x 7.4" W x 8.4" D



## POWER

28VDC 40W NOM.



## WEIGHT

<13.0 LBS. PER DISPLAY

# AB-212

Phone: +1.414.449.4000  
Fax: +1.414.447.8231

busdev@astronautics.com  
www.astronautics.com

Oak Creek, WI  
53154 USA

**Astronautics**