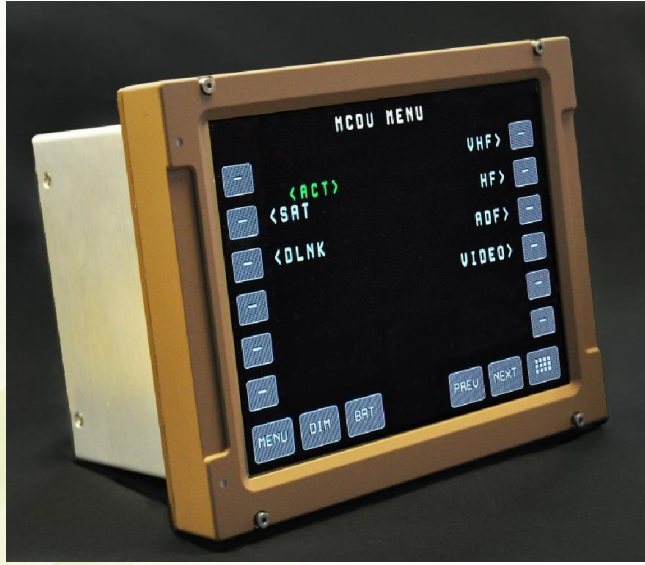


g
n
i
r
e
n
e
n
g
n
e
s
e
I
b
e
g



G7321-() Touch Display Unit (TouchDU`



GENERAL SPECIFICATIONS

Dimensions

- 4.500 (height) x 5.735 (width) x 2.500 (max depth) inches, excluding rear connector

Weight

- 2.8 pounds (max)

Electrical Requirements

- Power 115 VAC or 28 VDC, 14 Watts (max)
- Lighting* (LEDs) 5V AC/DC variable

* Minimal current required – only used for brightness level monitoring

Display – Sunlight Readable

- Resolution VGA - 640 (W) x 480 (H)
- Screen size (diagonal) 5.7 inches
- Pixel configuration R,G,B stripe
- Luminance 120 foot Lamberts, LED lighting
- Viewing angle +/- 80° (horizontal), +80/-60° (vertical)
- Contrast ratio 500:1 (typical)
- Touch screen 5-wire resistive, GFG construction

Cooling

- Passive, no forced air required

Connectors

- J1 Mating: MS27484T20F35SC, or equivalent 79 pin connector

G7321(-) Touch Display Unit (TouchDU)



CPDLC Page

Color

- Front Panel Options
 - Boeing Brown BAC #8328
 - Non-reflective Gray FED STD 595b36118
 - Non-reflective Black FED STD 595b37038



Virtual Keyboard

Compliance

- RTCA/DO-160G (Environmental), RTCA/DO-178B Level C (Software), RTCA/DO-254 Level C (Hardware)
- ARINC 429, ARINC 739A
- TSO-C41d, TSO-C113a, TSO-C169a, TSO-C170



SATCOM Dialer Page

Features

- Configurable flight deck solution for a wide variety of aircraft
- 4 ARINC 429 inputs and 11 discrete inputs
- 3 ARINC 429 outputs and 4 discrete outputs
- 1 RS-232 input port and 1 output port (maintenance port)
- 3 video inputs (variant dependent)
- DO-178B certifiable reconfigurable display software platform
- Subpixel anti-aliasing for exceptional image quality
- Built-in-test (BIT) with maintenance pages for enhanced diagnostics
- Modular construction contributes to economical maintenance
- Liquid splash-proof design
- LED backlighting for higher reliability
- Ambient light sensors
- MTBF (Calculated): 20,000 operating hours

Potential Applications

- ARINC 739A MCDU (SATCOM Dialer, ACARS, CPDLC)
- Radio Tuning (VHF, HF, ADF)
- Electronic Checklist
- Video Surveillance Display
- Dataloader User Interface

Future Growth

- 4 ARINC 429 inputs
- 1 RS-232 input port and 1 output port
- 3 RS-422/RS-485 input ports and 3 output ports
- 2 100Base-T Ethernet ports
- 2 CAN busses
- USB or SD card slots



Video Surveillance Page



VHF Tuning Page

Gables Engineering Inc.

247 Greco Avenue, Coral Gables, Florida 33146
 Tel: (305) 774-4400 • Fax: (305) 774-4465
www.gableseng.com

Proprietary Information
 4/9/15 • Rev. 04