

DU-875 NG Light for ERJ 135/145

ScioTeq is the DU-875 OEM and the official partner of Honeywell for their Primus Elite display upgrade

The DU-875NG Light offers the lowest SWAP (*Size, Weight, and Power*) and cost for drop-in replacement

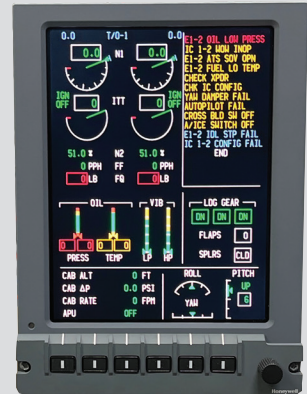
Honeywell DU-870 (obsolete)

- Legacy CRT based
- 11.3kg (25.0lbs); 138 W
- MTBF ~4,000h (and dropping)
- 2x internal fans



ScioTeq DU-875 NG Light

- DU-870 drop-in replacement
- 7kg (15.4lbs); 34W
- Calculated MTBF 8,800h (MIL-HDBK-217F)
- Convection cooled (no fans)
- Black and gray bezel variants
- FAA & EASA (E) TSO C113b Certified
- 7.0" x 5.0" LCD with 1024 x 768 pixels (XGA)
- Plain bezel keyboard in baseline; compatible with all legacy DU-870 CRT keyboards!



Legacy apps supported

- PFD, MFD and EICAS symbology generated by the Honeywell Symbol Generator is translated and shown on the display
- Display status, configuration data and fault reporting information are presented on the display



C&L AEROSPACE

HONEYWELL DU-870 CERT

SCIOTEQ DU-875 NG LIGHT (LCD)

WEIGHT

~ 11.3 kg
(~25.06 lb)

7.0 kg
(15.4 lb)

RELIABILITY

(calculated MTBF AIC25)

~ 4,000h

~ 8,800h

POWER CONSUMPTION TYPICAL

(without heater)

138W

34W

COOLING

Air-ducts/Fan

Convection Cooled

Dataloading and keyboard

- A spring-mechanism and mating connector exists for the various keyboard types
- ScioTeq's DU-875 NG Light requires use of Honeywell's legacy DU-870 keyboards

DU-875 NG Light



DU-870



Conclusions

- ✓ WARRANTY OF 48 MONTHS
- ✓ Substantial operational savings
- ✓ Allows for additional cockpit weight savings
- ✓ Improved reliability
- ✓ 25 year repair expectancy
- ✓ FAA & EASA (E)TSO C113b Certified - to be installed via STC
- ✓ NO NEED FOR PILOT/CREW TRAINING!
- ✓ Improved pilot experience
- ✓ Interchangeability
- ✓ MINIMUM down time
- ✓ ScioTeq has the right to quote and sell the DU-875 NG Light for Embraer ERJ135/145 upgrades



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