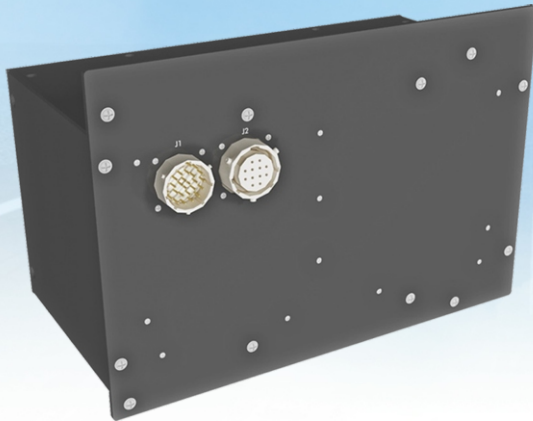


# DDSC

## Digital Data to Synchro Converter

Made In Indonesia 



An avionics instrument of Boeing 737-200 used for converting digital data (ARINC-429) to analog data.

DDSC has passed airworthiness certification by Air Force Flight and Work Security Service (Dislambangja TNI AU).

### SPEKIFIKASI

Aircraft Type	
Series	: Boeing 737-200
Physical Data	
Length	: 252.6 mm ( $\pm 0.5$ mm)
Width	: 173.8 mm ( $\pm 0.5$ mm)
Height	: 122.8 mm ( $\pm 0.5$ mm)
Weight	: 2.91 kg
Embedded	
Controller	: ARM Cortex-M4 @ 168 MHz
Communication	: ARINC-429, ARINC-407 (Synchro)
Power	
Power supply	: 115 VAC , 26 VAC
Current	: 0.25 A (no load) , 0.50 A (full load)
Power Consumption	: 28.75 W (no load) , 57.5 (full load)
Environment	
Temperature	: -25° C sampai +70° C
Vibration	: 4 g

### FEATURES:

- Converting digital serial data of ARINC 429 (pitch angle, roll angle, and true heading) to signal analog synchro with voltage reference 26 Vrms, 400 Hz.
- Generating discrete attitude valid signal
- Generating two-wire synchro signals (pitch and roll)

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