

VCCU-E

VIDEO CONVERSION CONTROL
UNIT-ENTERTAINMENT

MAIN FEATURES

- Multi-Video channel converter:
x8 HD-SDI inputs / x8 HD-SDI - x1 multiplexed video HD-SDI - x8 NTSC outputs
- Multi-communication platform:
RS-232 for CAMHD-Z command & RS-485 to the IFE system



**ALL-IN-ONE UNIT
LIGHT WEIGHT & EASY
INSTALLATION
MULTI- PROTOCOL**



**ULTRA LOW ENERGY
CONSUMPTION MODE**

NTSC

**CONVERTS HD-SDI TO
NTSC FORMAT**



**HD-SDI
SWITCH**

DESCRIPTION

- Manage cameras video outputs • Allow passengers to switch between cameras • RS 485/RS 232 management bus
- The VCCU-E provides NTSC format for cockpit application.
- The VCCU-E (Video conversion control Unit-Entertainment) is a High Definition 1080i multi video channel converter.
- From x8 HD-SDI input, the VCCU-E will output: • x8 HD-SDI • x8 NTSC video output • x1 multiplex HD-SDI.

VCCU-E

VIDEO CONVERSION
CONTROL
UNIT-ENTERTAINMENT

SPECIFICATIONS

MECHANICAL

Dimensions (HWD):
8.215x7x489x3.96 (inch)
208.5x190x100.6 (mm)

Material:

Aluminum 5754 treatment anti corrosion with Black Finish

Weight:

1.4 kg
3.08 lbs

SPECIFICATIONS

ELECTRICAL

Power:
28VDC

Consumption:
50W max

Video Output:
NTSC and HDSDI

Video Input:
HD-SDI

I/O:
RJ-485 x2
RJ-232

Discrets:
Up to 7

QUALIFICATION RTCA DO 160 G - TEST SECTION

Temperature and Altitude	4
Temperature Variation	5
Humidity	6
Operational Shocks and Crash Safety	7
Vibration	8
Explosive Atmosphere	9
Waterproofness	10
Sand & Dust	12
Fungus Resistance	13
Magnetic Effect	15
Power Input	16
Voltage Spike	17
Audio Frequency Conducted Susceptibility - Power Inputs	18
Induced Signal Susceptibility	19
Radio Frequency Susceptibility (Radiated and conducted)	20
Emission of Radio Frequency Energy	21
Electrostatic Discharge	25
Fire, Flammability	26

TECHNICAL DRAWING

P/N: 1000-1110-00X

