

VCCU

VIDEO COMMUNICATION & CONTROL UNIT

MAIN FEATURES

- General User Interface (GUI) available via Wi-Fi / Ethernet
- Smartphone compatible: iOS / Android / Windows Phone



**HEART OF PARABELLUM
VIDEO SYSTEM**



**LIGHT WEIGHT VIDEO
IMAGER**



**3G/4G DATA TRANSFER
TO PARABELLUM**



**>300H
VIDEO RECORDER**

DESCRIPTION

The PARABELLUM Video Communication and Control Unit (VCCU) represents the next generation of video control and security for aircrafts. A stand-alone unit, the VCCU is the heart of our system and will:

- Manage cameras and security sensors
- Record video and handle wireless alert and video communications
- Interact with the Parabellum Security Center

SPECIFICATIONS

MECHANICAL

Dimensions (HWD):

3.2x6.2x6.5 (inch)

80x178x165 (mm)

Material:

Aluminum Housing

Black Painted

Weight:

2.4 kg

5.3 lbs

Connector: Aircraft interface:

J1 = MIL D38999/20 FG35SN

J2 = MIL D38999/20 FJ35SN

J3 = MIL D38999/20 FH54SN

Peripheral communication:

4xSMA connectors (GPS,

GSM/3G, 2,4Ghz, WIFI)

SPECIFICATIONS

ELECTRICAL

Power:

28VDC

Consumption:

40W max

Bus interface:

Gigabit Ethernet,

RS-485, RS-232 (x2)

Discrete output

Video Output:

Ethernet: H264, MPEG,

MPEG-TS

Video Input:

8x Ethernet

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: 1000-1100-00X

