OTONOMY AVIATION

CAMHD-F

HIGH-DEFINITION TAIL CAMERA

MAIN FEATURES

- Simultaneous HD-SDI (uncompressed video) & Ethernet (compressed H264 video) stream
- Low profile, Low-drag aerodynamic housing

TRUE HIGH DEFINITION 1080 AIRBORNE CAMERA

SIMULTANEOUS HD-SDI & ETHERNET VIDEO OUTPUTS

LOW-PROFILE, LOW-DRAG AERODYNAMIC HOUSING

DESCRIPTION

CAMHD-F is a high definition airborne camera, fully integrated into a rugged, lightweight and aerodynamic fairing. Powered directly from the aircraft 28 VDC, this camera outputs simultaneously 1080p HD-SDI and Ethernet H264 video stream to be interfaced directly to any ICE/CMS system for entertainment or PARABELLUM security system. Designed to be installed on the aircraft tail, this flush mounted camera masterize the aerodynamical efficiency; its high definition imager works in lightning conditions from direct sunlight to extreme low-light. Camera and window are heated for all-weather operation.

CAMHD-F

HIGH-DEFINITION
TAIL CAMERA

SPECIFICATIONS

MECHANICAL

Dimensions (HWD):
5.20x4.15x5.573 (inch)
132x105.35x141.46 (mm)

Material:
Aluminum AL2024
with anticorrosion treatment
White painted

Weight:
0,32 kg
0,7 lbs

WINDOWS
Quartz SILICA

SPECIFICATIONS

ELECTRICAL

Power:
28VDC

Consumption:
28W max

Digital video:
100Bt Ethernet 1080
native H264 compression
(Other format MPEG available)

Connector:
Mil-DTL-38999
Series III

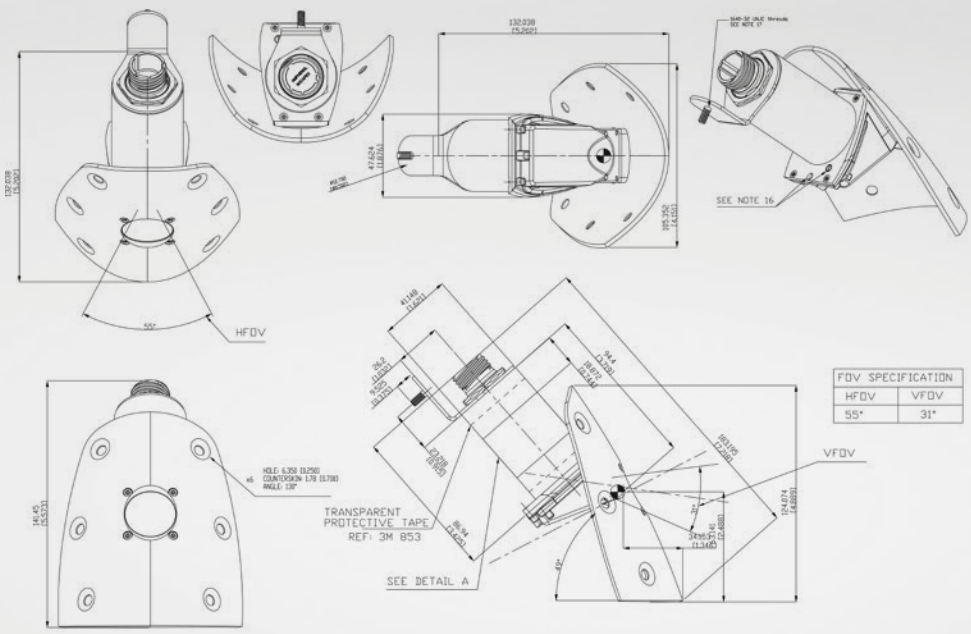
Optical/Imaging:
Sensor CMOS 3MP Electronic
Rolling Shutter S/N 38.1db

Field of view:
55°X31°

QUALIFICATION RTCA DO 160 G - TEST SECTION

TECHNICAL DRAWING

P/N: 1000-1340-00X



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