

CAM4K-1E

4K TAIL OR BELLY CAMERA

MAIN FEATURES

- Ethernet H265
- Low Power Consumption
- Low Drag



**ULTRA HIGH-DEFINITION
4KUHD (3840X2160)**



**LIGHTWEIGHT 0.500 KG
& LOW POWER CONSUMPTION**



**RTP MULTICAST ETHERNET
VIDEO OUTPUTS**

DESCRIPTION

CAM4K-1E is a 4K-UHD ULTRA high definition airborne camera, fully integrated into a rugged, lightweight and aerodynamic fairing. Powered directly from the aircraft 28 VDC, this camera outputs Ethernet H265 video stream to be interfaced directly to any IFE/CMS system for entertainment or PARABELLUM security system. Designed to be installed on the aircraft tail or belly/fuselage, its high definition 12MPx imager works in lightning conditions from direct sunlight to extreme low-light. Camera and window are heated for all-weather operation.

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SPECIFICATIONS

MECHANICAL

Dimensions (HWD):
6x2.5x5 (inch)

Material:
Aluminum AL2024
with anti-corrosion treatment
White coating

Weight:
0,5 kg

WINDOWS
Sapphire

SPECIFICATIONS

ELECTRICAL

Power:
28VDC

Consumption:
24W max

Digital video:
Multicast RTP
1Gbt Ethernet
Native H265 compression

Connector:
Mil-DTL-38999

Optical/Imaging:
Sensor CMOS 12MPx Electronic
Rolling Shutter

Field of view:
55°X31° up to 92°X55°

QUALIFICATION RTCA DO 160 G - TEST SECTION

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Fungus Resistance	13
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Power Input	16
Voltage Spike	17
Audio Frequency Conducted Susceptibility - Power Inputs	18
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Radio Frequency Susceptibility (Radiated and conducted)	20
Emission of Radio Frequency Energy	21
Lightning Induced Transient Susceptibility	22
Lightning Direct Effect	23
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TECHNICAL DRAWING

P/N: 1000-1110-00X

