

CAMHD-ZGS

HIGH DEFINITION ZOOM GLARE SHIELD CAMERA



MAIN FEATURES

- True high definition 1080 airborne camera



**ZOOM HIGH DEFINITION X120
(10X OPTICAL/12X DIGITAL)**



**TRUE HIGH DEFINITION
HD-SDI 1080**



**DIGITAL VIDEO
OUTPUTS**

DESCRIPTION

CAMHD-ZGS is a high definition airborne zoom camera fully DO 160 qualified. Its high definition 1080 imager provides digital video output for cabin video systems with 120x zoom capability and picture freeze function.

This camera is designed for cockpit installation and allows the user to select the appropriate zoom via the bus RS232.

CAMHD-ZGS is a stand-alone glare shield color camera with a 120x telephoto zoom. This camera unit will operate directly from +28 VDC aircraft power. An integral mounting plate and connector simplifies the installation.

CAMHD ZGS

HIGH DEFINITION ZOOM
GLARE SHIELD CAMERA

SPECIFICATIONS

MECHANICAL

Dimensions (HWD):
5.62x2.02x2.37 (inch)
142.8x51.2x60.3 (mm)

Material:
Aluminum AL2024
with anticorrosion treatment
White painted

Weight:
0,41 kg
0,88 lbs

WINDOWS
Quartz SILICA

SPECIFICATIONS

ELECTRICAL

Power:
28VDC

Consumption:
8W max

Digital video:
1080 HD/SDi
(Other format MPEG available)

Connector:
Mil-DTL-38999

Optical/Imaging:
Sensor CMOS 2MP Electronic
Rolling Shutter S/N 50db

Field of view:
50° to 5.4°
(depends on the zoom)

QUALIFICATION RTCA DO 160 G - TEST SECTION

Temperature and Altitude	4
Temperature Variation	5
Humidity	6
Operational Shocks and Crash Safety	7
Vibration	8
Fungus Resistance	13
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: 1000-1450-00X

