



BAD WOLF
TECHNOLOGIES

APPLICATIONS

Rotorcraft
Fixed Wing
Naval Vessels
Flight Training
Flight Testing
Instrumentation
Aerial Firefighting
Mission Recording
Aerial Inspection
Broadcast
Security
CCTV

FEATURES

CVBS NTSC/PAL
Multiple Lens Options
Mount Options
Waterproof IP67

E600

21mm CVBS PAL/NTSC Bullet Camera

- 1/3.2" Sony CMOS image sensor
- 1.3 Megapixel
- High Resolution 1000 TVL
- Standard Definition Bullet Camera - Color
- 1280H Analogue output (CVBS)
- WDR (wide dynamic range)
- 2DNR (2D noise reduction)
- Low Light / Starlight
- Choose between NTSC or PAL
- Waterproof IP67 (3.6mm Lens)
- Vibration-proof
- Low power consumption, 90 mAh @ +12 VDC



WHY E600?

The E600 is a solid and durable standard definition camera built for almost any type of application.

Rated IP67 Waterproof, the camera is assembled in a vacuum to further eliminate condensation inside the housing caused by heat generated during service cycles. The internal PCBs and camera sensor are potted in silicone during manufacturing to make the camera vibration-proof for helicopter applications.

Custom length video/power cable in single shielding is available for the E600 Quick Disconnect (NTSC/PAL) variants.



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SPECIFICATIONS

CAMERA

IMAGING DEVICE	1.3 Megapixel 1/3.2" CMOS Sony Starvis IMX017 image sensor, EyeNix DSP (ISP)
SCANNING SYSTEM	2:1 INTERLACED
EFFECTIVE PIXELS	1280(H) x 960(V)
HORIZONTAL RESOLUTION	1000 TVL
SYNC SYSTEM	INTERNAL
ANALOGUE OUTPUT	1280H (CVBS)
LENS (DEFAULT)	3.6mm BOARD MOUNT LENS (92°)
ELECTRONIC SHUTTER SPEED	1/50(PAL), 1/60(NTSC)~1/142,800 second
IRIS CONTROL	AUTO
S/N RATIO	MORE THAN 52dB (AGC OFF)

VIDEO

WDR	AUTO
2DNR	ON
AGC	52dB
MIN ILLUMINATION	0.1 LUX @ F2.0
SMEAR EFFECT	0.005%
GAMMA CORRECTION	Standard $\gamma = 0.45$
SYNC SYSTEM	INTERNAL
VIDEO OUTPUT	1.0 to 1.2 Vp-p Composite 75(Ω)

POWER

CONNECTOR	2.1 x 5.5mm DC SOCKET
POWER REQUIREMENTS	+12VDC REGULATED MIN +9 VDC MAX +12 VDC
OPERATING CURRENT	90 mAh @ 12VDC, REGULATED

PHYSICAL

DIMENSIONS	21(ϕ) x 73(L) millimeters
WEIGHT	180 g, approximate

ENVIRONMENTAL

OPERATING TEMP.	14°F ~ 122°F (-10°C ~ +50°C)
STORAGE TEMP.	4°F ~ 140°F (-20°C ~ +60°C)
HUMIDITY	0% to 90% RH
WATERPROOF	IP67 STANDARD/POTTED

LENS OPTIONS:

- 2.9mm
- 3.6mm
- 4.0mm
- 6.0mm
- 8.0mm
- 16.0mm

PART NUMBER(S)

BW-CAM-E600P [PAL]

BW-CAM-E600N [NTSC]