

CAMuPT – Micro Pan Tilt Camera

COFDM – Video, Audio Telemetry and IP Products

COBHAM

June 2011 Data Sheet

The most important thing we build is trust

This Cobham CAMuPT camera is a unique miniature pan and tilt solution, suitable for umbilical connection to a NETNode IP Mesh radio. When connected, the user can enjoy full pan and tilt functionality, including 400 degree horizontal rotation, 270 degree vertical rotation and low light capability. The miniature CAMuPT has no zoom capability.

The CAMuPT camera has Cobham technology at its core and offers comprehensive capability. It can be controlled by the NETHCTRL hand controller device. Its rugged weather-proof construction enables deployment in a range of surveillance scenarios - when coupled to the IP Mesh Radio, it is ideal for use in covert hides or concealment in undergrowth. The base of the camera has magnetic inserts, through holes and tripod fittings, giving the user a range of mounting options.

CAMuPT Camera
(actual size)



Specification:

Interfaces

Video, power and control Lemo

PT

PT horizontal 400 degree continuous
PT vertical 270 degree
PT speed 5 to 100 degree/s
Preset positions 0

Camera

Resolution 640 x 480 (>420 TVL)
Sensor 1/4" CMOS
Sensitivity 0.2 Lux (full moon)
Signal to noise >46dB
Zoom None
Command protocol VISCA on RS232

Physical

Size L 96mm, H 56mm, W 52mm
including base
Weight 250g
Connector 8 Pin Lemo 1B
DC input 6-18V
Power consumed 1.8W (active), 1.2W (quiescent)
Base mount Magnetic, Through hole and Tripod
Colour Black anodised

Environment

Temperature range -10 to 50 deg C
Sealing IP66

Connector Type 6 Pin Lemo 1B:

1. Vin
2. Gnd
3. CVBS
4. VGnd
5. RS232 TX
6. RS232 RX
7. Y (not used)
8. C (not used)

Product Code:

CAMuPT-N Micro Pan Tilt NTSC Camera
CAMuPT-P Micro Pan Tilt PAL Camera

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