

The 'Eyeb' Remote Mini Camera



- **Stylish, Functional, all-in-one design**
- **0.4", 4 Megapixel HD CMOS Camera**
- **Multiple formats - (SD/HD, up to 1080p)**
- **10:1 zoom lens**
- **Inverted or Upright Mounting**
- **Standard Camera Mounting threads**
- **Clutches on both axes**
- **Slip Rings**
- **Up to 99 Preset positions P,T,Z,F**

The '**Eyeb**' is an evolutionary step in the development of small, stylish yet unobtrusive remote cameras for any number of applications. Commentary cameras, POVs, Discreet Filming, and Multiple Camera Reality Shows, are just some of the applications for this remarkable little all-in-one camera. There are no additional boxes - all the inputs and outputs are on the base.

Much of the technology is taken from proven and popular remote cameras produced by Bradley since 1998, however, it boasts a significant number of improvements over its predecessors.

- Larger sensor chip – increased by over 20% to 0.4"
- Increased pixel count – up by 100% to 4 Mpixels
- Improved low light performance
- Full RCP control including black levels and paint
- Smoother movement and greater pan, tilt, and zoom dynamic range

The results are crisper, cleaner and higher resolution pictures with even smoother pan, tilt and zoom movement. At top speed it moves at a respectable 120 degrees/sec but at the lowest speed it achieves smoothly controllable moves down to 0.03deg/sec! So even at tight lens angles you still have smooth, fully proportional moves in pan, tilt and zoom.

Using the new **Remote Camera Panel Mk3** gives full CCU control including black levels, paint controls, scene files and multi camera control. This enables accurate control for matching other cameras.

Up to 99 preset positions are easily memorised and re-called. This includes: Pan, Tilt, Zoom and Focus for each preset. These positions, and all the camera settings, are automatically stored into memory so you don't need to remember to store anything before powering down. It powers up just as you left it.

The fitted clutches are very important to prevent internal damage when rigging or handling. Clutch slip, even when powered down, does not affect the preset positions. Absolute position sensors are used on the shafts so it always knows where it is.

Various options and accessories are available and, as with all our units, it will operate with any of our controllers, no matter how old they may be. Up to 99 remote heads can be individually addressed and used on a single system.

The slip rings enable continuous 360deg. pans and when rigged inverted the camera detects this on power up and automatically orientates the image correctly.



Preliminary Specifications:

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|---------------------------|--|
| Dimensions: | Diameter. 120mm x Height 210mm |
| Fixings: | 1/4" and 3/8" standard camera threads |
| Pan Range: | 360deg. Continuous. |
| Tilt Range: | +/- 130deg from vertical. |
| Speed Range: | <0.03deg/sec - 120deg/sec. Other speeds on request. |
| Camera Sensor: | 0.4", 4Mpixel, NMOS |
| Sig / Noise Ratio: | > 50dB |
| Latency: | < 1 video line |
| Jitter: | < 0.04 UI |
| SD Standards: | PAL 4:3, PAL 16:9, NTSC 4:3, NTSC 16:9 |
| SD Outputs: | Composite, SDI, (BNC connector) |
| HD Standards: | 1080i/50/60, 720p/50/60, 1080p/25/30/50/60 |
| HD Outputs: | HDSDI (BNC connector) |
| Zoom Range: | 10:1 = 51deg. - 5.1deg. (16:9). |
| Remote: | Pan, Tilt, Zoom, Iris, Focus, Auto White, Manual White, Preset White, Master Gain, Red Gain, Blue Gain, Detail, Master Pedestal, Red Pedestal, Blue Pedestal, Shutter, Gamma, Dzoom On/Off, Auto Iris On/Off, Auto Focus On/Off, IR Mode On/Off, Preset Store (P,T,Z,F), Preset Recall, P,T,Z,F reverse, Hi/Lo speeds, Turbo Speed. |
| Operating Temp: | -10 to >+40degC (Out of sunlight) |



Outputs on the base