

BE - HD20/B4

Mini Remote HD Camera



- 2 Megapixel HD CMOS Camera
- 1 piece design (no CCU box)
- HD/SD switchable, PAL, NTSC,
- B4 Broadcast lens mount & connectors
- Machined Aluminium Case
- RCP Control Input
- SDI / HDSDI & Analogue outputs
- HD Component Output

The **BE-HD20/B4** is a miniature HD remote camera fitted with a B4 broadcast lens mount and remote control connectors. It is packaged in a very small unit and all the required sockets and outputs are on the camera.

The camera accepts standard B4 broadcast lenses and contains the required optical converter and lens drive electronics for both standard and remote lenses. All camera and lens functions are controlled remotely via a simple protocol. It is designed to match perfectly our **U3/S, U3/SR** or **U4_HD Remote Head** which have all the control protocols and a PSU built in. It can also be used in a stand-alone mode or with other control systems.

Although primarily designed as a mini HD camera it can be remotely switched to output any SD format in either PAL or NTSC. The picture quality is remarkable for such a small camera. All outputs are available directly from the back of the camera via either BNC connectors or the 15 Dsub connector.

Two Remote Camera Panels are available: **Standard Joystick** size or a compact **Mini RCP**. Both can control up to 4 cameras using a selection button. These can be connected directly to a camera or via a remote joystick. When routed via a joystick, the CCU data is included with the pan, tilt, zoom & focus data.



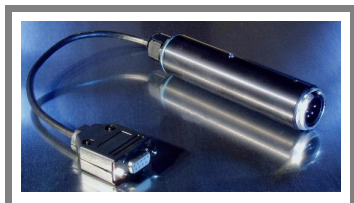
Mini RCP

Specifications

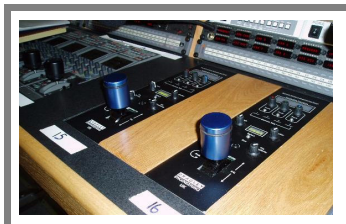
- Power:** 6-12v @ 5W max.
- Data:** RS232c, 9600baud
- Camera:** 2 Megapixel HD CMOS chip. B4 Bayonet lens mount.
- Remote:** Zoom, Iris, Focus
Auto White, Manual White, Preset White, Rgain, Bgain, Detail, Shutter, Gain, Gamma, Dzoom On/Off, Auto Iris On/Off, Auto Focus On/Off
- Outputs:** Standard Definition
PAL 4:3, PAL 16:9, NTSC 4:3, NTSC 16:9 - Composite, Y/C, SDI
- High Definition
1080i/50, 1080i/59.94, 720p/50, 720p/59.94, - Component, HDSDI
- Options:** Infra-Red sensitive version
IP66 sealing
Standard Remote Camera Panel
Mini Remote Camera Panel
RS485 Protocol Converter & PSU
U3/S, U3/SR or U4_HD Remote Pan & Tilt Heads
- Dimensions:** L.100mm, W.60mm, H81mm. (+B4) Weight. 450gm
2 x 1/4" mounting threads
- Connections:** 2 x BNC (VBS & SDI / HDSDI) + D-sub 15way (Component / Y/C / Power / Data)



Camera with lens fitted.



Protocol Converter & PSU - for standalone operation



Standard Remote Camera Panels

Camera back & connectors

