

## Mini Remote HD Camera



- **2.4 Megapixel Sony Exmor sensor**
- **Completely self contained**
- **10:1 zoom lens**
- **No 'Rolling Shutter' effect**
- **RCP Control (with RCP3)**
- **Infra-Red sensitive**
- **Genlock input**
- **IP65 (with clear filter)**
- **Tally Light**
- **Top or Bottom mounting**

The HD-16 is a miniature, full HD, remote camera with all the BR Remote features of usability, connectivity and control. It is packaged in a single housing and requires just power and RS485 data. The RS485 data can be sent up to 1km over a balanced audio cable or CAT5.

The 10 bit HDSDI output is FULL HD, derived from 12bit processing not an inferior signal. It is timed accurately to mitigate the 'rolling shutter' effect and to achieve low jitter.

The camera has a 37mm filter thread and all functions are controlled remotely via a simple protocol. It matches perfectly our U3 Remote Heads and MiniPos2. It can also be used in a stand-alone mode, or with other control systems.

2 Remote Camera Panels are available which can control up to 4, 8 or 99 cameras on a system. RCPs can be connected directly to the camera, or via a pan/tilt joystick. When routed via a pan/tilt joystick, the CCU data is multiplexed with the pan, tilt, zoom & focus data. Each camera can be set to its own ident, 1 - 99.

We have also incorporated both Genlock and our 'Semi Auto Smooth Iris' both of which further improve the usability of the camera.

## Preliminary Specifications

Subject to change without notice.

<b>Power:</b>	8-14v @ 7W max.
<b>Data:</b>	RS485, 9600baud
<b>Camera:</b>	2.4 Megapixel Sony Exmor sensor. S/N >50dB
<b>Lens:</b>	10:1 Zoom, 67deg. - 7.6 deg. (16:9). Distortion <3% (wide) F.1.8 - 28 (17 steps)
<b>Remote:</b>	Zoom, Focus, Auto Iris, Manual Iris, Semi Auto - Smooth Iris. Auto Focus, Manual Focus. Auto White, Manual White, Preset White, Master Gain, Red Gain, Blue Gain, Master Ped, Red Ped, Blue Ped, Detail, Shutter, Gamma, InfraRed On/Off Colour Saturation, V-Flip, H-Flip, Tally On/Off
<b>Outputs:</b>	<u>High Definition</u> 1080i/50, 1080i/59.94, 720p/50, 720p/59.94 (10 bit)
<b>Environmental:</b>	IP 65 / -10 to +60degC
<b>Dimensions:</b>	L.105mm, W.64mm, H63mm (excl. plugs) Weight. 425gm 37mm lens thread 1/4" mounting threads, top or bottom
<b>Connections:</b>	BNC - HDSDI BNC – Genlock Lemo - Power & Data
<b>Options:</b>	Remote Camera Panels Wide Angle Converters Lens Hoods <b>U2/S Remote Pan &amp; Tilt Head - MiniPos2 positioning head</b>

Remote Camera Panel Mk3



Mini Remote Camera Panel



Back Sockets



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