

HD 1100

True HD Video Remote Camera System



2/3" CMOS Sensor, 1920 x 1080 pixel

professional Remote Control

Simultaneous Output in **Dual Link HDSDI, SDI,**
analog **Composite** and **Component** or progressive **RGB/HV**

1080i 50/60, 1080p 24/25/30, 1080p 50/60, 625i/525i 50/60

The HD 1100 is one of the smallest "true" HD remote camera systems to broadcast sports, shows, concerts and many other imaging applications.

It provides impressive performance and robust features in a small housing.

The 2/3 inch, 2,1 Megapixel High End CMOS Sensor guarantees state of the art Video quality with a progressive resolution up to 1080p/ 60 fps.

Dual- or single link HDSDI, analog progressive RGB or interlaced Component, down-converted SDI and Composite are directly and simultaneously output from the compact Camera Control Unit.

It's compact size offers unbelievable possibilities for spectacular views.

The professional Remote Control Panel offers full studio control functions over long distances.

HD 1100 Technical Data

Image Sensor:	2/3" C-MOS 2,1 Mega-Pixel 1920 x 1080, 16 : 9
Resolution:	1100 TV lines
Formats:	16 : 9 / 4 : 3
Readout:	Progressive Scan 1920 x 1080
Quantization:	12 Bit
Output Signals:	HDSDI interlaced,SDI, CVBS, analog RGB/HV progressive or Y/B-Y/R-Y interlaced Dual Link progressive HDSDI
Sensitivity:	F 8/2000 lx
S/N Ratio:	> 56 dB (Y) at 0dB gain
Gain Control:	-6dB, 0dB, +6dB, +12dB
Lens Mount:	C-Mount, adjustable Back-Focus Adaptors for B4, Nikon, Arri
Cable length:	up to 10 m (Camera Head- CCU)
Power:	8-14V DC, 11 Watt
Dimensions:	Camera Head: 45 x 52 x 40mm (WxHxL) CCU: 140 x 120 x 30 mm

Features and Controls

Universal Remote control panel via RS232 or RS 485
Windows based Remote software
Sync internal or Genlock (Tri-Level)
Direct motor drive for Lens Control from RCP
4 user presets
Direct Output of Dual link HDSDI, SDI , Composite and analog Progressive RGB/HV or interlaced YUV
White Balance: automatic or manual YRGB
Gamma: manual YRGB
Black Balance: Manual YRGB
Saturation: 0 to 150 %
Gain: -6dB, 0dB(default), +6dB, +12dB
Detail SD: separate horizontal amd vertical detail
Detail HD: sepatate horizontal and vertical detail
Shutter: 5 steps up to 1/1000
Test signals: 8 HD Test patterns
SD Format: 16 : 9 / 4 : 3
Analog HD Out: RGB/HV progressiv or YUV interlaced
Genlock adjust: +/- 2 lines in steps of 1 pixel
Iris control: speed and direction
Serial control: duplex / simplex RS 485
System calibration: automatic black/shading/ FPN

Camera Control Unit



Remote Control Panel

