

VPC-HD22

Full-HD Progressive 50/60fps S-mount Camera



Product Features

- 3G-SDI interfaced, Full HD 50/60p output camera
- Original ISP engine for superb imaging quality with high speed processing
- 3.6mm megapixel lens for low distortion wide angle view. Other lens options available
- Remote head (max 150mm ribbon connector) 25 x 25 square, 20mm deep including lens
- Various functions (AE, AWB, color correction, DNR etc)
- Remote control by USB or RS232

Original New ISP engine

Newly designed algorithm engine achieves supreme quality of **Precise Color** reproduction similar to a 3-CCD camera at much lower cost.



- **High Speed Processing :**
Achieves max. **1920x1080@60pfs** on mid-range FPGA.
- **High Quality Color Process :**
High Resolution, low pseudo-color and low artifact CFA (Color Filter Array) process produces **image quality equivalent to that of non-real time PC-based DPE application software.**
- **Precision Color Reproduction :**
Enables **precise color reproduction** with sophisticated color correction technology . Precisely match the colour balance with your 3 chip camera

Specifications

Item	Specifications
Imager	1/3" Type CMOS (Single use)
Unit cell size	2.75 x 2.75µm
Effective pixels	1944(H) x 1092(V)
Resolution	1920 x 1080 Full HD (50/60p, 50/60i)
Frame rate	60fps / 59.94fps / 50fps
Pixel Clock	148.5MHz
Shutter	OFF ~ 1/8,000s
Signal I/F	3G-SDI / HD-SDI
Lens Mount	S mount (M12 x 0.5mm thread)
Dimensions	Sensor board 25.4 x 25.4 x 20mm depth (inc lens mount) Main board 25 x 38mm Driver board 25 x 38mm (excl BNC)

* Specifications are subject to change without notice.