

**HIGH
DEFINITION**

AVS800-HD

SPECIFICATIONS

AUTO-ZOOM Glareshield Camera

PRELIMINARY
SEPT/1/2011
AVAILABLE OCT 2011

Image Sensor	1/3 inch, CMOS
Effective Number of Pixels	2 Megapixel
Horizontal Resolution	> 800TV Lines Standard
Vertical Resolution	> 800TV Lines Standard
Aspect Ratio	HD 16:9 SD 4:3/16:9
Lens	10x optical zoom, f=5.1 mm (wide) to 51.0 mm (tele), F1.8 to F2.1
Digital Zoom	12x (120x with optical zoom)
Horizontal Angle of View	50° (wide) to 5.4° (tele)
Vertical Angle of View	38°
Minimum Object Distance	10 mm (wide) to 800 mm (tele)
Scanning System	2:1 interface
Scan Frequency	[59.94 Hz setting] Horizontal : 33.716 kHz, Vertical : 59.94 Hz [60 Hz setting] Horizontal : 33.75 kHz, Vertical : 60 Hz
Sync System	Internal
Sensitivity	F6.8 Standard (200 lx, 3000K)
Minimum Illumination	12 lx (F1.8, 50 IRE)
AUTO-B&W	1 lx (F1.8, 50 IRE)
SN Ratio	56 dB Standard (gain 0 dB, DNR OFF)
White Balance	ATW (Automatic Tracing balance), AWB (Automatic White Balance)
Gain	AUTO (Automatic Gain Control)
Backlight compensation	On/Off
Signal System	HD 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD NTSC (Crop/Squeeze), PAL (Crop/Squeeze)
Video Outputs	Analog output: Y/P _B /P _R : 0.7 (p-p) standard 75 Ω unbalanced, BNC or Digital output: HD-SDI (SMPTE 292M) : 0.8 V (p-p) standard 75 Ω unbalanced, BNC or Analog output. NTSC & S-VHS
Interface	Serial Data Interface (RS-232C control)
CH Dimension	2" x 2" x 3.2"
CH Weight	12 oz
CCU Dimension	None
CCU Weight	0
Camera Cable Lengths	None
Power Requirement	Regulated 28 VDC / .8 amp
DO160	Appropriately Tested, EMI & Environmental