

DigiCam Surveillance

WDR2500 Sony 1/3" Color DPS w/ OSD AC/DC Professional 480 TV Lines Camera

The 1/3" DPS Sony image sensor that is in this camera provides each pixel with its own independent exposure time to adapt to various lighting conditions. This is one of the most advanced chips on the market! The wide dynamic range on this camera provides clarity on objects that are near and far, which makes this camera perfect for any application!

FEATURES

- **DPS Image sensor.** (unlike CCD sensors which utilizes a limited number of processing zones for exposure control, DPS "digital pixel system" technology provides each pixel with it's own independent exposure time to adapt to various lighting conditions. This allows the camera to produce a clear image even under extreme lighting conditions)
- Wide Dynamic Range technology allows clear images in both objects and background detail
- Solves conventional DLC technology which sacrifices background detail in order to see the main object
- High Sensitivity .8 LUX, 480 TV Lines
- Complete OSD camera setup with Title edit feature
- C/CS compatible lens mount with auto iris support
- **LENS SOLD SEPARATELY**



SPECIFICATIONS

Image sensor	DPS 1/3" sensor chip
Dynamic Range	Wide Dynamic Range 95dB ~ 120dB
Operation Setup	On Screen Display setup feature
Video Standard	Dual system switchable NTSC or PAL
Picture elements	NTSC/PAL : 720(H) x 540(V) Active Pixels
Resolution	CVBS 480TVLY/C 480TVL
Sensitivity (AGC on)	0.8 Lux color at F1.2
S/N Ratio	>50dB
Auto Electronic shutter	Each pixel independent shutter Auto adjust
Optional shutter setup	5 speed Low shutter selection
Back Light Compensation	Adjustable Detection Zone position & size
Auto Gain Control (AGC)	Each pixel independent Gain Auto adjust
Manual Gain Control	Digital adjustable range -42 ~ 60 dB
Synchronization	Internal

Optional synchronization	RGB or YC or Linelock (AC power model)
Video Output	1.0 Vp-p, 75ohm
Gamma	75 step adjustable setting
Visible spectrum	240nm ~ 1,200nm
Lens mounting	C or CS mounting,
Iris compatibility	Manual iris, DC iris or VIDEO iris
Power voltage	DC 12~30V or AC 24V or AC 85V~AC 5V
Power consumption	3W, < 200 mA @DC12V
Camera mount	1/4" 20unc, Top or bottom mounting
Casing structure	Aluminum alloy, Ivory color
Dimension & weight	62(W) x 62(W) x 130(L) mm, 335 g.
Ambient Temperature	-15°C ~ +50°C
Ambient Humidity	0 to 95% relative, non-condensing.

