

TVCC50511

## WD DNR day/night 650 TVL camera, 110~240V AC

The WD DNR day/night 650 TVL camera is ideal for monitoring areas with poor light conditions. Thanks to the latest Sony Effio-E chip set, the camera can handle both poor light and high contrast situations with aplomb. Another plus is the high resolution of 650 TV lines provided by the latest Sony Exview HAD image sensor in 960H format. The camera features a digital noise suppression function (2D DNR) that eliminates image noise and thus reduces the memory required for recording on digital recorders. Setting of the back focus is made comfortably using the easily-accessible rotary knob – 4 freely-configurable masks are available for privacy masking. One highlight of this camera is the HLC (High Light Compensation) function whereby bright points on the screen are automatically masked in black to compensate for glare (e.g. headlamps). The power supply can be 110~240V AC. Programming is done using a convenient on-screen display (OSD).



### Product highlights:

- State-of-the-art Effio chip set with WD function for clear images, even at high contrast ratios
- Latest 1/3" Sony Exview HAD II CCD sensor technology
- Day & night camera with electromechanically removable IR cut filter
- DNR function for noise-free images
- Second video output for simple camera configuration
- High resolution of 650 TV lines

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### Technical Data

Image sensor	1/3" Sony Exview HAD II CCD
DSP	Sony Effio-E
Camera type	Standard camera
Resolution	650 TVL
Image elements (total)	1020 (H) x 596 (V)
Image elements (effective)	976 (H) x 582 (V)
Lens mount	CS/C
Lens control	DC/Video
Day/night switching	IR swivel filter (ICR), colour / B/W
Minimum illumination (colour)	0.005 lux @ F1.0, 30 IRE
Minimum illumination (B/W)	0.001 lux @ F1.0, 30 IRE
Minimum illumination (IR)	0 lux @ F1.0, 30 IRE (external IR)
Noise suppression	2D DNR
Electronic shutter	AI / AES / Manual
White balance	ATW / manual, 1800~10500 K
Gain control	AGC, 0~28 dB
Backlight compensation	BLC, HLC (High Light Compensation)
Dynamic range (WDR)	WDR-ATR 46 dB (max.)
Video system	PAL
Signal-to-noise ratio	52 dB
Synchronisation	Internal
Privacy masking	4 zones, freely configurable
Back focus setting	Yes
Connections	2 x composite video, 1 V p-p, 75 ohm (BNC), AC
Power supply	100 ~ 240V AC
Power consumption	250 mA (max.)
Operating temperature	-10°C ~ 50°C
Humidity	0~85% (non-condensing)
Protection class	IP34
Dimensions (W x H x D)	68.91 x 58.5 x 121.3 mm
Weight	400 g
Certification	CE, RoHS, REACH