

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

Art. no. TVCC50511

Page 1 of 2



- Sony Effio chip set with WD function for clear images, even at high contrast ratios
- State-of-the-art 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 analog video output for easy camera calibration
- High resolution of 650 TVL
- Sony Effio Chipsatz mit WD-Funktion für klare Bilddarstellung auch bei starken Kontrastverhältnissen
- Neueste 1/3" Sony Exview HAD II CCD Sensortechnologie
- Tag-/Nacht-Kamera mit elektromechanisch schwenkbarem IR-Sperrfilter
- DNR Funktion für rauschfreie Bilder
- Zweiter Videoausgang zur einfachen Kamerakonfiguration
- Hohe Auflösung von 650 TV-Linien

The WD DNR day/night 650 TVL camera is ideal for surveillance of areas with difficult lighting conditions. Thanks to the state-of-the-art Sony Effio-E chip set, it deals very well both with poor lighting conditions and with high-contrast situations. Another advantage is the high resolution of 650 TV lines provided by the current Sony Exview HAD image sensor in 960H format. The camera has a function for digital noise reduction (2D DNR) that removes image noise, reducing space requirements for recording onto digital recorders. The back focus is conveniently set using the easily accessible rotary knob – four freely configurable masks are available for privacy masking.

A highlight of this camera series is the HLC (high light compensation) function. This function automatically masks very bright points in the image in black in order to compensate for glare (such as from car headlights). 110–240 V AC can be used for the power supply. The camera is easily programmed using an on-screen display (OSD).

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

Art. no. TVCC50511

Page 2 of 2

Technical Data:

Dimensions	68.91 x 58.5 x 121.3 mm mm
Connections	2 x BNC, 1V s-s; 75 Ohm; AC
Back focus adjustment	Yes
Image sensor	1/3" Sony Exview HAD II CCD
Pixels (effective)	976 (H) x 582 (V) pixel
Pixels (total)	1020 (H) x 596 (V) pixel
Width	69 mm
DSP	Sony Effio-E
Dynamic range (WDR)	46 dB
Electronic shutter	AI / AES / Manual
Backlight compensation	Soft WDR, BLC, HLC (High Light Compensation)
Height	59 mm
Camera type	Standard camera
Length	122 mm
Humidity	0~85%, non-condensating
Max. operating temperature	50 °C
Min. operating temperature	-10 °C

Net weight	0.4 kg
Lens mount	CS/C
Lens control	DC/Video
Private zones	4 zones, free to configure
Noise reduction	2D DNR
Signal-to-noise ratio	52
AC voltage supply	100 ~ 240 VAC V
Power consumption	250 mA
Day/night switching	IR swiveling filter (ICR), color / B/W
TVL	650 TVL
Amplifier control	AGC, 0~28 dB
White balance	ATW / Manuell, 1800~10500K
Certifications	CE, RoHS, Reach