

## WD DNR IR Vario Ball Dome Camera 650 TVL Profiline

Art.-Nr. TVCC74-011



- 650 TVL resolution
- Sony Effio chip set with Soft WDR function for clear image display even under strong contrast conditions
- DNR function for images free of noise
- Varifocal lens, 3.3 – 12.0 mm
- Day/night switching with electromechanical swivelled IR cut filter (ICR)
- Weatherproof camera housing (IP66)
- 3-axis ball joint for flexible adjustment of the camera view angle
- Manual zoom/focus control accessible from outside

Thanks to its height of just 99 mm and 113 mm diameter, the vandal-proof WD DNR IR Vario 650 TVL ball dome camera can be mounted discreetly on the ceiling.

The camera is equipped with an innovative Sony 1/3" Exview HAD II CCD image sensor. This image sensor is exceptionally light-sensitive and, thanks to ultra-modern processor technology, delivers 650 TV line recordings of outstanding quality. And all this with minimal camera noise thanks to the latest 2D DNR (Digital Noise Reduction) technology. This stops picture noise which conceals the details or which could be interpreted as motion by the recorder (reduction of data volume by up to 50%). The camera produces colour pictures in the daylight and switches to b/w mode in the dark. Then 36 integrated infrared LEDs (IR) provide illumination (max. range 20 m). The focal length of the integrated varifocal lens with auto-iris function is between 3.3 and 12 mm. The WDR-ATR (soft WDR function), AGC and ATW features also ensure optimum picture quality.

The protection class IP66 makes the Dome dustproof and safe from strong jets of water. Its housing is so robust that it can withstand the roughest of attacks unscathed. And its pan and tilt ball joint can be adjusted just as

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flexibly as its focus and zoom factor. And the provided drilling template, installing the dome is a breeze.

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## Technical Data

Amplifier control	32
Backlight compensation	Soft-WDR
Camera type	Outdoor dome camera
Certifications	CE, RoHS, Reach
Connections	BNC, DC (5.5x2.1mm)
DC voltage supply	12V
DSP	Sony Effio-E
Day/night switching	IR cut can be swivelled electromagnetically
Dynamic range (WDR)	46dB
Electronic shutter	Automatisch, 1/50s~1/100000s
Focal length	3,3 – 12,0mm
Gross weight	0.98kg
Height	100mm
Horizontal angle of view	23,9 – 89,8°
Housing material	aluminium
IP protection class	66
IR LEDs	36
IR angle	60°
IR range	20m
Image sensor	1/3" Sony Exview HAD II CCD
Lens	Variomm
Lens control	AI
Max. humidity	85%

Max. operating temperature	50°C
Min. operating temperature	-10°C
Minimum illumination (B/W)	0,08
Minimum illumination (IR)	0
Minimum illumination (color)	0,1
Net weight	0.68kg
Noise reduction	2D DNR
Optical zoom	3.6
Pixels (effective)	976 (H) x 582 (V)pixel
Pixels (total)	1020 (H) x 596 (V)pixel
Power consumption	480mA
Signal-to-noise ratio	50
TVL	650TVL
Video output	FBAS (1 Vss, 75 Ohm)
Video system	PAL
White balance	ATW, 1800 ~ 10500K
Width	114mm