

WDR Day/Night 540 TVL camera Seawolf

Art. no. TVCC50021

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The absolute top model among day/night Profiline cameras offers an amazing range of functions that show every minute detail in the picture. The 1/3" Pixim DPS CMOS with 690 TVL (High Resolution True Color) automatically controls the exposure of each individual pixel - for the best exposure in each area of the picture. In addition, WDR (Wide Dynamic Range) guarantees that dark and bright areas are all optimally exposed (optimal with back light, high contrasts). To achieve this, the camera takes several pictures with different exposure times and then merges them into a single image. Furthermore, state-of-the-art DNR technology (Digital Noise Reduction) eliminates interfering camera noise that could obscure details. In darkness, color mode is automatically switched to Black/White mode. A plethora of lenses is available: The Profiline cameras are compatible with C-Mount and CS-Mount lenses - with or without Auto-Iris function. Back focus settings are adjusted via an easily accessible rotary dial. Lastly, all models feature BLC, AGC, and AWB/ATW. A top feature: motion detection performed by the camera itself - and external peripherals (sirens, light switches, etc.) can be controlled via a relay output. This device operates with a 12 VDC / 24 VAC power supply (for 240 VAC see the structurally identical TVCC50521). Optimal for quick installation: An on-screen display (OSD) allows convenient programming of this camera.

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Technical Data:

Dimensions	(WxHxD) 68.91x58.5x121.3 mm
Connections	2 x BNC, DC (5.5x2.1mm, 2-Pin)
Image sensor	1/3" Pixim DPS CMOS
Pixels (effective)	720(H) x 540(V) pixel
Pixels (total)	742(H) x 552(V) pixel
Image integration	0~32x
Width	69 mm
DSP	Pixim Seawolf
Dynamic range (WDR)	120 (max.) dB
Electronic shutter	AES/AI
Backlight compensation	WDR, BLC
Height	59 mm
Camera type	Standard camera
Length	122 mm
Max. operating temperature	50 °C
Max. humidity	85 %
Min. operating temperature	-10 °C
Minimum illumination (color)	0,1
Minimum illumination (IR)	0
Minimum illumination (B/W)	0,01
Net weight	0.42 kg

Lens mount	CS/C
Lens control	DC
Private zones	12
Noise reduction	3D DNR
IP protection class	34
Signal-to-noise ratio	50
AC voltage supply	24 V
DC voltage supply	12 V
Control	DC
Power consumption	330 mA
Day/night switching	IR cut can be swivelled electromagnetically
TVL	690 HTVL-E TVL
Amplifier control	3 levels
Video output	FBAS (1 Vss, 75 Ohm)
Video system	PAL
White balance	AWB/ATW, 2000-11000K
Certifications	CE