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WV-CP280 Series
Static Camera

High performance digital signal processor

Superb image quality and cost performance

Adaptive Black Stretch technology

Day/Night operation can be selected automatically or manually

Back Light Compensation (BLC) mode selector

Cost-effective Colour Surveillance Camera with Adaptive Black Stretch Technology

General

Type	Colour Surveillance Camera
Pick-up Device	1/3-type interline transfer CCD

Effective Pixels

Horizontal	752.0
Vertical	582.0

Scanning Area [mm]

Horizontal	4.9
Vertical	3.7
Signal	PAL
Synchronization	Internal (INT), Multiplexed Vertical Drive (VD2), Line-Lock (LL), selectable
Scanning Mode	2:1 interlace

Scanning Frequency

Horizontal [KHz]	15.625
Vertical [Hz]	50.0

Resolution

Horizontal	540 TV lines (Colour)

Dynamic Range	-
Signal-to-Noise Ratio	50 dB minimum (AGC: OFF)
Minimum Illumination (Colour)	0.8 lux
Weather Protection	-
Power Consumption	WV-CP280, 3.2W WV-CP284, 2.7W, 220 mA
Power Source	WV-CP280, 220-240 V AC 50 Hz WV-CP284, 24 V AC 50 Hz, 12 V DC

Ambient Operating Temperature [° C]

Minimum	-10.0
Maximum	50.0

Ambient Operating Humidity [%]

Minimum	0.0
Maximum	90.0

Dimensions [mm]

Width x Height x Depth	67 x 65 x 139.5 mm
Weight	WV-CP280, 0.51 kg WV-CP284, 0.35 kg

Main Functions

Controller Interface	Coaxial
Auto Gain Control (AGC)	Always On
Zoom Speed	-
Focus Speed	-
Iris / Light Control	ALC/ELC
Back Light Compensation (BLC)	ON/OFF
Sensitivity Enhancement	-
White Balance	ATW
Camera Title	16 alphanumeric characters
Privacy Zone	-
Image Stabilizer	-
Adaptive Black Stretch	ON/OFF
Detail / Aperture Level	-
Colour/Mono Switching	ON/OFF
Mirror	-
Language Setting	English, German, French, Italian, Spanish, Russian, Chinese, Japanese

Lens

Type	CS-mount
Zoom Ratio	-

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Iris Range / Aperture Ratio	-

Angular Field of View

Horizontal	-
Vertical	-
Maximum Aperture Ratio	-

Input/Output

Video Output	1.0 V [p-p] PAL composite 75 Ω (BNC plug)
Alarm Output	-