

WV-CW240 Dome Camera

Operate effectively in low lighting
Equipped with 2x variable-focal lens
Easy camera adjustment
480-line horizontal resolution
3-dimensional hinge — pan, tilt and azimuth



Vandal Resistant Colour Dome Camera

General

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

Effective Pixels

Horizontal	752.0
Vertical	582.0

Scanning Area [mm]

Horizontal	4.8
Vertical	3.6
Signal	PAL
Synchronization	Internal (INT), Multiplexed Vertical Drive (VD2), Line-Lock (LL)
Scanning Mode	2:1 interlace

Scanning Frequency

Horizontal [KHz]	15.62
Vertical [Hz]	50.0

Resolution

Horizontal	480 TV lines
Signal-to-Noise Ratio	50 dB minimum (AGC: OFF)

Minimum Illumination (Colour)	1.0 lux
Weather Protection	IP66 standard
Power Consumption	WV-CW240S, 4.1 W WV-CW244F 3 W
Power Source	WV-CW240S, 220-240 V AC 50 Hz WV-CW244F 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

Weight	WV-CW240S, 1.9 kg WV-CW244F 1.4 kg
Diameter x Height	WV-CW240S, 160 x 161 mm WV-CW244F, 154 x 160.5 mm
Finish	Die-cast aluminium body and camera lens chassis shock resistant

Main Functions

Controller Interface	Coaxial
Auto Gain Control (AGC)	Always ON
Iris / Light Control	ALC / ELC (only when monitor output is used)
Back Focus Adjustment	Manual
Back Light Compensation (BLC)	Yes
White Balance	ATW
Detail / Aperture Level	SHARP or SOFT selectable
Language Setting	English, German, French, Italian, Spanish, Russian, Chinese, Japanese

Pan and Tilt

Pan Range	± 175°
Pan Modes	Fixed
Tilt Range	± 75°
Tilt Modes	Fixed

Lens

Type	2x varifocal lens
Focal Length	3.8 - 8 mm

Angular Field of View

Horizontal	35.6° (TELE) ~ 73.6° (WIDE)
Vertical	26.6° (TELE) ~ 53.4° (WIDE)

Maximum Aperture Ratio 1:1.4 (WIDE) ~ 1:1.8 (TELE)

Minimum Object Distance [m] 1.2

Input/Output

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

Optional Extras

Accessories WV-Q112 - Surface Mount bracket for WV-CW244F
WV-CW3H - Heater unit to extend operating temperature
WV-CW2S - Smoked Dome Cover
