



KV-CA1W

Wide-field high-resolution camera



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		KV-CA1W
General specifications	Vibration resistance	10 to 500 Hz; Power spectral density: 0.033 G ² /Hz; X, Y, and Z directions
	Operating ambient temperature	0 to +50°C 32 to 122°F (No freezing)
	Operating ambient humidity	35 to 85% RH (No condensation)
	Storage ambient temperature	−20 to +60°C −4 to +140°F (No freezing)
	Storage relative humidity	35 to 85% RH (No condensation)
	Enclosure rating	IP65F ^{*1} *2
	Pollution degree	3
Performance specifications	Installation distance	100 mm 3.94" to ∞
	Focal distance	1.05 mm 0.04" (fixed)
	Field of view	Horizontal field of view: Approx. 180° Vertical field of view: Approx. 150°
	Image-receiving element	1/2.9-inch color CMOS
	Resolution	1280 (H) × 960 (V)
	Frame rate	10/30 fps
	Internal current consumption	70 mA or less ^{*3}
	Weight	Approx. 140 g 4.94 oz

^{*1} The enclosure rating is evaluated with the camera cable connected.
^{*2} "F" signifies evaluation as oilproof per JIS C 0920.
^{*3} Maximum current consumption inside the camera when the power supplied to the CPU unit is 24 VDC (−15%/+20%). The maximum current consumption inside the camera is 120 mA when the unit power supplied to the camera is 12 to 24 VDC (−10%/+20%).

Dimensions

* Download CAD file or product manual for larger image/text and more detail.



