

iSmart Video 4K Coaching Camera

 4K UHD
  18x Optical
  Focusing Distance \leq 30cm

 TOF
  Waterproof
  Spotlight
  One-Hand Operation



EZC-V20

EZC-V20 is a 4K HD close-up camera tailored for teaching scenarios. Compact with a built-in fill light, it captures sharp operation footage in gaps of large machinery, delivers \leq 30 cm macro focusing, 18x optical zoom, and supports TOF, one-hand operation, POE & waterproofing—ideal for teaching needs.



For Teaching Scenarios

4K HD close-up camera for training demos – compact with fill light, fits tight machinery gaps, captures clear close-ups, solves visibility issues and boosts teaching efficiency.



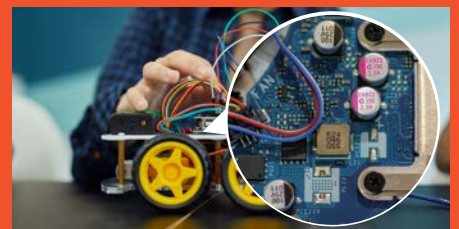
4K UHD

4K UHD with exquisite image detailing ensures every subtle critical movement is captured flawlessly, fully satisfying professional demonstration needs.



18x Optical, Focusing Distance \leq 30cm

18x optical zoom paired with a high-quality lens for macro photography (Focusing Distance \leq 30cm). Ideal for training scenarios, it zooms in precisely on every operational detail—even tiny microcircuits.



TOF

The camera integrates TOF short-range focusing sensor, enabling instant focus switching from close-up to extreme close-up for crystal-clear imaging at all times and guaranteed training session quality.



Waterproof

The waterproof function enhances the camera's adaptability to humid work environments like auto repair and chemistry labs, effectively preventing water ingress and camera malfunctions, and extending its service life.



One-Hand Operation

Ergonomical design such as fill light on/off, brightness adjustment and zoom by one hand, enhances efficiency.



Technical Data

Model	EZC-V20
Camera	
Image Sensor	1/2.8" CMOS, 8.6MP
Max Resolution	4KP30 (Output)
Zoom	18x Optical, 8x Digital
Focal	f=5.1mm ~ 91.9mm
Iris	F2.6 ~ F3.2
FOV	60.35° ~ 3.96°
Video Adjustment	Brightness, Chrominance, Saturation, Contrast, Sharpness
White Balance	Auto
Exposure Control	Auto
SNR	≥50dB
Buttons	10 function buttons (Brightness/Focus/Menu/Fill Light/Freeze/Zoom)
EPTZ	Support
Interface	
HDMI	3840x2160p30, 3840x2160p25, 1920x1080p60, 1920x1080p50, 1920x1080p30, 1920x1080p25, 1280x720p60, 1280x720p50, 1280x720p30, 1280x720p25
Network	10M/100M, POE, H.264/H.265, Default H.264 Main Stream: 3840x2160p30, 3840x2160p25, 1920x1080p60, 1920x1080p50, 1920x1080p30, 1920x1080p25, 1280x720p60, 1280x720p50, 1280x720p30, 1280x720p25, 1024x576p60, 1024x576p50, 1024x576p30, 1024x576p25, 960x540p60, 960x540p50, 960x540p30, 960x540p25, 640x360p60, 640x360p50, 640x360p30, 640x360p25, 320x180p60, 320x180p50, 320x180p30, 320x180p25 Sub Stream: 1280x720p60, 1280x720p50, 1280x720p30, 1280x720p25, 1024x576p60, 1024x576p50, 1024x576p30, 1024x576p25, 960x540p60, 960x540p50, 960x540p30, 960x540p25, 640x360p60, 640x360p50, 640x360p30, 640x360p25, 320x180p60, 320x180p50, 320x180p30, 320x180p25
Operating System	Windows 7/8/10, Mac OS, Android OS, Linux
General	
Power Consumption	<7W
Power	DC 12V, POE
Operating Temperature	0°C~+40°C
Storage Temperature	-20°C~+60°C
Humidity	10% RH~ 90 %RH
Dimensions (L×W×H)	222*177*214 mm
Weight	1.8Kg

iSmart Video

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