

Excellent Image Quality

4.0 Megapixel 1/1.8" progressive scan CMOS sensor
H.265 video codec, saves up to 50% bandwidth and storage
120dB Ultra WDR
3D noise reduction

High definition and smooth picture, 2688 x 1520@60fps
Low illumination, 0.0002lux with color picture
HLC

Intelligent Functions

Motion detection	Tampering
Guard line	Enter guard area
Exit guard area	Object left
Object removal	Gathering
Audio surge	

Long Operation Lifespan

Industrial components, withstands operation temperatures of -10°C - 55°C

Abundant Functions and Features

SD card slot, supports Automatic Network Replenishment (ANR)
Bi-directional audio
video out
Built-in O-sensor

Up to 3 video streams
alarm in and out
RS485



KEDACOM

Camera	Image Sensor	1/1.8" progressive scan CMOS
	Pixels	4.0 Megapixel
	Min. Illumination	Color: 0.0002lux @ (F1.3, AGC ON) / B/W: 0.0001lux @ (F1.3, AGC ON)
	Shutter Speed	1 - 1/30,000s
	Day / Night	Auto (ICR) / Color / B/W
	Wide Dynamic Range	Ultra WDR, >=120dB
	S/N Ratio	>55dB
	White Balance / Gain Control	Auto / Manual
Lens	Backlight Compensation	Off / WDR / BLC / HLC
	Focal Length	5.3 - 110mm, 20x optical, 8x digital
	Zoom Speed	Approx 3s (Optical)
	Angle of View / Aperture Ratio	54.26° - 2.66° (Wide-Tele) / F1.65 (Wide) / F3.8 (Tele)
	Min. Object Distance	10 - 1500mm (Wide-Tele)
Audio	Focus Control	Auto / Manual / Semi-Automatic
	Compression	G.711a / G.711u / ADPCM / G.722
	Bitrate	32kbps - 64kbps
Alarm	Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
	Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
	Intelligent	Motion detection / Tampering / Guard line / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
	Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm

Pan and Tilt	Pan / Tilt Range	360° Endless / 0° - 90°
	Pan / Tilt Speed	Pan manual speed: 0.1° ~ 350°/s; Pan preset speed: 550°/s
		Tilt manual speed: 0.1° ~ 250°/s; Tilt preset speed: 450°/s
	Proportional Zoom	Pan / Tilt speed can be adjusted automatically according to zoom multiples
	Preset	512
	Patrol	8 Patrols scheme, up to 32 presets per patrol
	Pattern Scan	4 Scan paths, each path can record 10 minutes of operation path
	Power-off Memory	Power-off memory / Power-on recovery
	Auto Guard	Path / Preset / Mixed / Pan scan / Tilt scan / Frame scan / Random scan / Panorama scan
	PT Limit	Manual / Scan / Pan
	3D Positioning	PTZ control with mouse click and drag
Electronic compass	Built-in 0-sensor	
Video	Compression	H.265 / H.264 / MJPEG
	Image Resolution	Main stream: 2688 x 1520@60fps / Secondary stream: 720P@30fps
	Bitrate	32kbps ~ 16Mbps
	Bitrate Control	VBR / CBR
	Caption	Date and time / Alarm / Direction / Customized
	Privacy Masking	Up to 4 zones
	Motion Detection	Up to 4 zones
	Video Freeze	Supported
	ROI	Supported
	Digital Noise Reduction	3D noise reduction
	Digital Defog	Supported
Image Flip	Flip / Mirror	
Network	Network Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, SMTP, IPv4, IPv6
	User Interface	Chrome
	Max. User Access	Max. 10 Users (includes 2 internal)
	Application Programming	ONVIF (Profile S, Profile G, Profile T), GB/T 28181-2011, API, CGI
	Automatic Network Replenishment (ANR)	Supported
Interfaces	Ethernet	10/100M, RJ45 interface
	Audio In / Out	1 x Line in / 1 x Line out
	Control	1 x RS485
	Alarm In / Out	4 x Input / 2 x Output
	Video Out	1 x BNC, 1.0V [p-p] / 75Ω
	Memory Slot	SD card slot, supports up to 256GB
Environmental	Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F
	Operating Humidity	10% ~ 95%
Electrical	Power / Consumption	24V AC / 3A (Power adapter included) / Max. 45W
Mechanical	Weight / Dimensions	3 kg / 6.6lb (Net Weight) / 165 × 220mm