

Excellent Image Quality

- 4.0 Megapixel 1/1.8" progressive scan CMOS sensor
- High definition and smooth picture, 2560 x 1440@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.0005lux with color picture
- 120dB Ultra WDR
- IR automatically adjusts
- WDR / 3D noise reduction / HLC / BLC

Intelligent Functions

- Face detection and capturing
- Motion detection / Tampering / Guard line / Enter guard area / Exit guard area / Objectleft / Object removal / Gathering / Audio surge

Long Operation Lifespan

- Industrial components, withstands operation temperatures of -40°C - 70°C
- IP66, TVS 6000V lightning protection, surge protection and voltage transient protection

Large Scale

- 33x optical zoom
- IR distance up to 220m

Abundant Functions and Features

- SD card slot, supports Automatic Network Replenishment (ANR)
- Up to 3 video streams
- Bi-directional audio / alarm in and out / video out / RS485
- Built-in O-sensor



KEDACOM

Camera	Image Sensor	1/1.8" progressive scan CMOS
	Pixels	4.0 Megapixel
	Min. Illumination	Color: 0.0005lux / B/W: 0.0001lux @ (F1.5, AGC ON); 0lux with IR
	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	Focal Length / Angle of View	4.5 - 148.5mm F1.5 (Wide) / F3.4 (Tele), / 70° - 3.8° (Wide-Tele)
	Zoom / Zoom Speed	33x optical, Approx 3s (Optical)
	Min. Object Distance	300 - 1500mm (Wide-Tele)
Infrared	IR LED / IR Distance	9 pcs IR LED Array / 180 - 220m
	IR Intensity	Automatically adjust according to zoom ratio
Pan and Tilt	Pan / Tilt Range	360° Endless / -20° - 90° (Auto Flip)
	Pan / Tilt Speed	Pan manual speed: 0.1° - 240°/s; Pan preset speed: 300°/s
		Tilt manual speed: 0.1° - 160°/s; Tilt preset speed: 240°/s
	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	

Video	Compression	H.265 / H.264 / MJPEG
	Image Resolution	Main stream: 2560 x 1440@30fps, 1080p@30fps
		Secondary stream: D1@30fps
	Bitrate / Bitrate Control	32kbps - 16Mbps / VBR / CBR
	Caption	Date and time / Alarm / Direction / Customized
	Privacy Masking / Motion Detection	Up to 4 zones
	Video Freeze	Supported
	ROI	Supported
	Digital Noise Reduction	3D noise reduction
	Digital Defog	Supported
Image Flip	Flip / Mirror	
Audio	Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / G.726
	Bitrate	32kbps - 64kbps
	Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
	User Interface	IPC Control (IE, Firefox, Chrome)
	Max. User Access	Max. 20 Users (includes 2 internal)
	Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
	Automatic Network Replenishment (ANR)	Supported
Recognitive Functions	Target Detection	Face
	Captured Picture	Face
Alarm	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
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 / Humidity	-40°C - 70°C / 10% - 95%
	Protection Level	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
Electrical	Power / Consumption	24V AC / 3A (Power adapter included) / Max. 45W (IR on)
Mechanical	Weight / Dimensions	8 kg / 17.6lb (Gross Weight) / x214x 379mm