

CKANPLUS Technical Datasheet

Model No. *CAF-800R-PoE-SSO*



Key Specifications:

Category	Item	Specification
System	Main Processor	ARM Cortex-A7 MP2 @ 950MHz dual-core
	Image Sensor	8MP 1/2.8" IMX415 low-light CMOS sensor; Color: 0.001Lux@F1.2, B/W: 0.001Lux@F1.2
	Flash	16MB
	DDR	128MB
	Resolution	4K
	Wide Dynamic Range	100 dB
Image	Main Stream Frame Rate & Resolution	20fps: 3840×2160, 2688×1520, 2560×1440, 1920×1080
	Sub Stream Frame Rate & Resolution	30fps: 704×576, 640×480 (Limited to 20fps when main stream is 4K)
	Video Compression Standard	H.265+ / H.265 / H.264
	Video Compression Bit-rate	512 Kbps ~ 10 Mbps
	White Balance	Manual / Auto / One-push WB
	Shutter	1/12s to 1/100000s
	Noise Reduction	3D/2D noise reduction

	Image Adjustment	Digital WDR
	Image Processing	Supports BLC (Backlight Compensation), HLC (Highlight Compensation), Defog, Gain, etc.
Audio	Audio Interface	1-ch input (supports Mic or pick-up); 1-ch output (supports earphone or power amplifier)
	Encoding Format	G711U / G711A / AAC-LC
Network	Concurrent Streams	Up to 6 concurrent streams
	Network Protocols	CGI, HTTP, HTTPS, GB28181, SIP, RTMP, TCP/IP, UDP, RTP, FTP, RTCP, RTSP, NTP, DHCP, DNS, DDNS, SNMP, SSL/TLS, Web Socket, ONVIF, etc.
	Browser Support	Plugin required: IE10, IE11; Plugin-free: Edge, Chrome, Firefox, etc.
Interfaces	Network	1 RJ45 10M/100M adaptive Ethernet port
	Audio	1-ch input (Mic/pick-up); 1-ch output (Earphone/amplifier)
	Light Board	Supports photosensitive detection input, supports PWM dimming
	USB Interface	1 USB 2.0 interface (5V power supply), supports 4G/Dual-band WiFi/Storage/UVC expansion
General	Dimensions	38×38×10.8mm (Standard 38-board structure)
	Device Weight	10 g
	Operating Temperature	-20°C ~ +60°C
	Power Supply & Consumption	DC 12V/PoE

Mechanical Dimension:

