

MC800G

IP Camera Module — Product Specification



Specifications

General	
Model	MC800G
Main Control Chip	SSC339G, dual-core Cortex-A7, 1.2 GHz; external 4 GB DDR
AI Computing	1 TOPS
Image Sensor	Sony IMX415, 8MP, 1/2.8" CMOS
Video	
Video Encoding	H.265+ / H.265 / H.264
Bitrate	Adjustable, up to 12 Mbps
Frame Rate	Up to 30 fps
Main Stream	3840×2160, 3072×2048, 2592×1944, 2560×1440, 2304×1296, 1920×1080, 1280×720
Sub Stream	720×480, D1, VGA, 640×360
Channels	2-channel video, 1-channel audio (independent)
Storage	
TF Card	Optional, supports up to 128 GB
Lighting	
Light Mode	Full-color backlight (requires external light board)
Light Interface	External control mode; requires corresponding light board
Audio	
Audio Codec	G.711 / G711A / AAC
Two-way Audio	Supported; real-time Internet two-way audio
Smart Features	
AI Perimeter	Cross-border, enter area, leave area, area intrusion (4 modes)
Object Classification	Motor vehicle, non-motor vehicle, pedestrian
IO Interface	Motorized zoom / autofocus interface; requires compatible lens, control board and firmware
Network	

Network Interface	1 × RJ45, 10/100M self-adaptive Ethernet
Protocols	TCP/IP, IPv4, DHCP, RTSP, P2P
Browser	IE, Safari, Chrome, Firefox, Opera, Edge (Web Server embedded)
Mobile APP	VideoLink (iOS & Android)
SDK	Windows, Android, Linux
Power & Environment	
Power Supply	DC 12V
Working Temperature	-30°C to +85°C
Lightning Protection	GB/T17626.5, IEC61000-4-5
Dimensions	2 × 38 mm × 38 mm (dual-board)
Image Processing	Image flip