
H.265+/H.265/H.264 2MP Super Starlight 38 Single Board Module

Specifications	
model	MC200J12
Main Chip	MSTAR SSC335
imaging sensor	1/2.8" ,2-megapixel, ultra-low-light ceramic-encapsulated CMOS sensor: Sony IMX307
minimal illumination	Color: 0.01 Lux
noise-signal ratio	≥ 50 dB
video processing	The P/N model supports various video formats; it features automatic white balance, 3D noise reduction, wide dynamic range, face overexposure protection, and dehazing functionality; it also supports multiple encoding formats (H.264, H.265, or H.265+), enabling ultra-low storage requirements, adjustable bitrate and frame rate, as well as manual shutter speed adjustment.
image resolution ratio	Main video stream: 3MP @ 25fps, 1080P/720P/D1 @ 30fps; Sub-streams: D1/VGA/640×360/CIF @ 30fps Supports CBR/VBR
Audio Processing	Audio linear input/output, G711U/G711A encoding, supports bidirectional voice intercom.
network interface	An RJ45,10/100M adaptive Ethernet interface with a 2 kV lightning protection design
Protocol Support	Supports network protocols such as HTTP, RTSP, DHCP, NTP, ONVIF, and P2P; also supports optional GB28181, RTMP, and various NVR integration protocols.
memory	not have
IO Interface	Supports electronic zoom and autofocus interfaces; requires a zoom lens, a zoom control panel, and a zoom program.
Light panel interface	Supports both active and passive modes; requires a compatible LED board for use.
IRCUT Interface	Features an integrated IRCUT switching circuit that enables control of the IRCUT day/night mode via automatic, external, manual, or timed controls.
Business Functions	Supported browsers: IE6.0 or later (with embedded Web Server) Mobile detection and OSD customization JPEG screenshot P2P Cloud Service (Danale) IP filter Provides SDKs (Windows, Android, Linux) Active infrared function Active Warm Light Function Based on license plate number Autofocus zoom

	Pan-Tilt Coupling Supports alarm sound linkage and allows for custom sound settings.
Standard Parameters	DC12V/POE, Max. Power: 1.2W, Dimensions: 38 (Length) × 38 (Width) × 15 (Height) mm (excluding lens), Weight: 0.06 kg
working temperature	-30~85℃