



HaLow-Cam is world's leading WiFi HaLow™ IP Camera

HaLow-Cam is a 2 million pixel electric zoom network camera with 1080P high-definition resolution images and supports intelligent analysis: electronic tripwire crossing detection, area intrusion detection, and motion detection. Due to the adoption of the new generation long-distance 802.11ah WiFi HaLow wireless network technology, which solves the pain point of short transmission distance of traditional WiFi 2.4G/5G, HaLow-Cam will become your best partner for security surveillance.

Key Features

- 1 Morse Micro MM6108 WiFi HaLow chipset
- 2 WiFi HaLow detachable antenna (SMA)
- 3 2 million pixel high-definition professional lens
- 4 1080P HD resolution image is clear and delicate
- 5 2 IR LEDs support day and night mode
- 6 Supports Micro SD/SDHC/SDXC local storage
- 7 Developed, designed & manufactured in Taiwan

WiFi HaLow Specifications (IEEE 802.11ah)

Chipset	Morse Micro MM6108
WiFi standard	IEEE 802.11ah
Channel bandwidth	1/2/4/8 MHz
Max. data rate (Phy rate)	Up to 32.5 Mbps @ Bandwidth 8 MHz
Antenna	1x External SMA antenna connector

Camera Specifications

System processor	Novatek NT98560
CMOS sensor	SONY IMX307 1/2.8" low illumination CMOS
Image illumination	Color 0.01Lux@F1.2, black and white 0.001Lux@F1.2
Image processing	H.265, H.264, MJPEG image encoding, supports dual streams; supports adjustable code stream 64Kbps~8192Kbps; supports adjustable frame rate 1~30 frames/second
Transmission resolution	Main stream: 2MP 1920*1080, 1280*720@25fp/30fps Secondary stream: 720P(1280*720), VGA(640*480), QVGA(320*240)
Shutter	1/3 second to 1/2000000 second
Lens	2.7-12mms
Focal length	Electric control
Focus	Automatic/semi-automatic/manual
Switch between day and night	Standard IR-CUT
Noise reduction	Support 3D noise reduction
Wide dynamic range	WDR support
Ethernet interface	1 RJ45 Ethernet interface, 10/100M self-adjusting
Communication protocols	RTSP/DHCP/NTP
Support protocols	UDP/TCP/HTTP/SSH/RTSP Unicast, Multicast/NTP/ONVIF/Gsoap
Infrared light	2 high-efficiency IR LEDs
ONVIF	Support Profile S, Profile T
Alarm	Alarm input/output one set each (optional)
Compression format	H.265/HEVC main profile, H.264 main and high profile, Motion JPEG encoding

Camera Specifications

Account management	Support administrators, operators, general viewers, etc. to access network cameras at different levels
Privacy mask	Off / On (4 blocks)
Image illumination	Sharpness, saturation, contrast, brightness, hue, horizontal flip, vertical flip
Event detection	Supports motion detection, alarm input and output. Motion detection has four area settings and adjustable sensitivity. The alarm input can be triggered by an external detection device
Perimeter protection	Electronic tripwire crossing detection/area intrusion detection
Date & time	Supports NTP, synchronization with computer or custom time. Also supports time settings in different time zones
Day and night mode	Equipped with infrared light filter (IR CUT), IR LED (light intensity adjustable), you can choose to switch automatically or manually adjust during the day and night.
White balance	Automatic, manual, cloudy, night and other scene switching.
Anti-flicker	NTSC(60Hz), PAL(50Hz)
Intelligent alarm	Motion Detection
Waterproof level	Outdoor waterproof type IP 66 rating
Power supply	Power supply: DC12V / PoE (802.3af)
Dimensions	204.3 x 75 x 75 (LxWxH, mm)

Order Information

HaLow-Cam-915	902 MHz – 928 MHz	26 MHz
HaLow-Cam-868	863 MHz – 868 MHz	5 MHz
HaLow-Cam-924	920.5 – 927.5 MHz	7 MHz

HaLow-R

WiFi HaLow + WiFi 4
Indoor IoT Router



HaLow-Cam

WiFi HaLow 2MP HD
Outdoor IP camera



Tube-AHM

WiFi HaLow Outdoor
AP/CPE & PoE support