

# Smart Network Camera MegEye-C4H-240-P(M)-X2812

MegEye-C4H-240-P(M)-X2812 the intelligent network camera is an intelligent network camera with interaction defined by MEGVII based on personnel passage scenarios. It supports face recognition application with rich hardware peripherals, and can be closed looped for small scenes of access control application on a single machine, recommended for sensorless pass and high frequency attendance scenes. Support face capture application, maximum support 30 people with the same screen, can cooperate with Pangu and Hongtu to realize rich pass application. Based on the superior wide dynamic image capability, it can easily cope with backlight scenes common to pass applications. Innovative support for infrared face recognition function, which not only avoids light pollution caused by white light fill light.



## Product Feature

- Support face capture, up to 30 people on the same screen
- Supports face recognition with a maximum of 100,000 databases
- Integrated access control application for employee and stranger surveillance and access plan management
- Support 2 alarm input, with peripheral sensors to achieve the event alarm for door open, doorbell ringing, fire
- Support 1 alarm output, delayed door opening control and door opening duration control
- Support 1 Wiegand interface, configurable as Wiegand output or Wiegand input
- Support 1 HDMI output interface (-M), through the screen interactive way, intelligent application effect instant feedback
- Support high quality speakers with configurable auto-play beeps based on event type
- Dual mic pickup support, up to 15m pickup distance
- Support 120dB WDR for backlit passages at entrances and exits
- Support up to 2688\*1520@25fps
- Support for Megconnect integration protocol、1400、rtsp、onvif

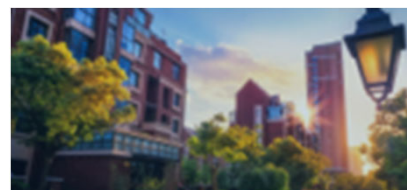
## Application Scenarios



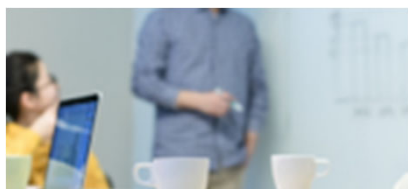
Smart Building



Smart Campus



Smart Community



Smart Office



Smart Scenic



Smart Factory / Construction Site

Parameter	Description
<b>Basic Parameter</b>	
Sensor	1/1.8" Progressive Scan CMOS
Shutter	1/1000000s ~ 1s
WDR	Digital dynamic
Day/Night Mode	ICR IR filtered
Minimum Illumination	Color: 0.001Lux @ (F1.2, AGC ON) Black&White: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
Apeture	F1.2
Focal length	2.8~12mm, H : 104.7° , V : 55.4° , D : 126.5°
IR Range	850nm
IR Fill light distance	surveillance : 80m , face : 15 m
Main Stream	2688*1520@25fp, 2560*1440@25fps , 1920*1080@25fps , 1280*720@25fps
Sub Stream	704*576@25fps , 640*480@25fps
3 <sup>rd</sup> Stream	1920*1080*25fps , 1280*720*25fps , 704*576@25fps , 640*480*25fps
Encoding	H265 Main Profile/H264 High Profile/H264 Main Profile/H264 Base Profile
Bit Rate	256Kbps~16Mbps
Image Adjustment	Brightness, contrast, saturation, sharpness, chroma, gamma adjustable
Image Processing	Supports backlight compensation, digital fogging, digital noise reduction, distortion correction, wide dynamic, glare suppression, auto white balance, auto focus, area focus, assisted focus, scene switching, privacy masking, face area exposure, pixel calculator
Image Scene	Normal, backlight, low light, smooth light, customizable, automatically switchable according to time schedule
Day/Light	Automatic, daytime, nighttime, timed
OSD	Support for overlaying names, dates, days of the week, custom fields; support for configuring the font color and size of the overlay; support for video stream overlay and capture image overlay
<b>Audio</b>	
Encoding	G.711A
<b>Network</b>	
Integration	Megconnect, 1400, ONVIF, RTSP
Network	TCP/IP, HTTP, HTTPS, FTP
<b>Universal</b>	
Working Environment	-30°~60°(-22 °F to +140 °F) Humidity : <95% , Non-condensing
Power	12VDC±20%, POE(IEEE 802.3 AT)
Dimension	131.35*344.5mm

<b>Smart Functions</b>	
Face Capture	Supports detecting, tracking, capturing, scoring and filtering targets, outputting the optimal face capture image, supporting up to 30 people on the same screen
Body Capture	Supports detection, tracking, capturing, scoring and filtering of targets, outputting the best body captures, supporting up to 30 people on the same screen Support face-head-person binding, the same target body capture image and face capture image can be linked automatically
Others	Support for face attribute recognition, including age range, gender, wearing a mask, wearing glasses, hair length, chef's hat, helmet Support for live detection Support for mask or maskless detection
<b>Event</b>	
Type	Face capture applications: face capture events, human capture events, unmasked events, non-live attack events, suspicious target events Face recognition applications: successful face matching events, stranger events, human capture events, unmasked events, non-live attack events, suspicious target events Access control applications: employee normal passage events, employee non-pass time attempted passage events, visitor normal passage events, visitor non-pass time attempted passage events, stranger attempted passage events, key person attempted passage events, fire events, door open but not closed events, doorbell ringing events, unmasked events, non-live attack events, suspicious target events Basic events: network alarm input events, local alarm input events
Notification	Report to server, upload FTP, alarm recording, alarm output, voice announcement, Wiegand output
Record	Support for expired event record deletion
<b>Peripheral Interfaces</b>	
Alarm interface	Alarm input*2, alarm output*1 (max. 30V, 2A), green head
Audio	2688*1520@25fp, 2560*1440@25fps , 1920*1080@25fps , 1280*720@25fps
Wiegand	704*576@25fps , 640*480@25fps
HDMI	1920*1080*25fps , 1280*720*25fps , 704*576@25fps , 640*480*25fps
SD Card	H265 Main Profile/H264 High Profile/H264 Main Profile/H264 Base Profile
Network	1 RJ45 100M
<b>IP</b>	
IP Level	-P:IP67,-PM:IP66
Installation	Lifting, wall mounting, crossbar mounting, column mounting