Smart Network Camera MegEye-D3X-240-P

MegEye-D3X Series , relying on the AI capabilities of MEGVII, to create cost-effective AI cameras, empowering partners to serve the safe city, digital village, smart community and other industry customers. Based on the leading computational optical algorithm capability, Megvii has developed the industry's advanced AI ISP image noise reduction technology, and the product has a significantly higher quality of low-light image effect compared with the same product.

Product Feature

◆ Support for face applications, including face capture, face recognition, body capture, mask detection, face attributes (wearing a mask, age group, wearing glasses, gender, hair length, chef's hat, helmet).

◆ Support for vehicle applications, including vehicle attributes (vehicle type, vehicle brand, body color, vehicle model, direction of travel), and battery vehicle detection.

◆ Support for perimeter applications, including area intrusion, leaving area detection and detection of targets that can distinguish between people, motor vehicles and non-motorized vehicles

◆ Support for headcount applications, including over-the-line headcount and area headcount.

◆ Support for audio output, with built-in speakers and pickups.

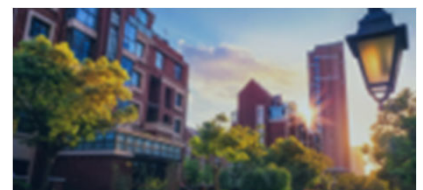◆ Support MegConnect for integration

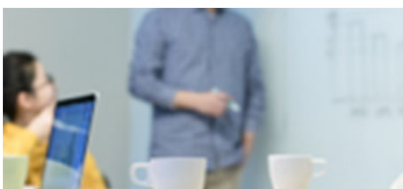◆ Support Onvif, GA/T1400, GB28181

Application Scenarios

Smart Building	Smart Campus	Smart Community
Smart Office	Smart Scenic	Smart Factory / Construction Site

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Parameter	Description
Basic Parameter	
Model	MegEye-D3X-240-P
Sensor Type	1/3" Progressive Scan CMOS
WDR	Digital dynamic
Day/Night Mode	ICR IR filtered
Minimum Illumination	Color : 0.01Lux @ (F1.6, AGC ON) ; Black&White : 0.001 Lux @ (F1.6, AGC ON) ; 0 Lux with IR
Apeture	F1.6
Focal length	6mm H:50°,V:27.7°,D:58°
Fill Light	White fill light +IR fill light
White light fill distance	Surveillance : 30m , Face : 15m , Vehicle : 25m
IR Range	850nm
IR Fill light distance	surveillance : 80m , face : 15 m
Main Stream	2560*1440@25fps , 1920*1080@25fps , 1280*720@25fps
Sub Stream	704*576@25fps , 640*480@25fps , 352*288@25fps
Encoding	H265 Main Profile/H264 High Profile/MPEG4/MJPEG
Bit Rate	Fixed bitrate/ variable bitrate/ smart bitrate 256Kbps~4Mbps
Image Adjustment	Brightness, contrast, saturation, sharpness, chroma, gamma adjustable
Image Processing	Support backlight compensation, digital fogging, digital noise reduction, auto exposure, wide dynamic, glare suppression, auto white balance, scene switching
Image Scene	Support for normal scenes, strong backlight scenes, low light scenes, smooth light scenes, face scenes, license plate scenes, alert scenes and custom scenes
Day/Light	Color night vision, infra-red night vision, intelligent night vision (in alert scene mode)
OSD	Support for overlaying names, dates, days of the week, custom fields; support for configuring the font color of the overlay and the font size
Integration	MegConnect（SDK/WebAPI）、Onvif、GB28181、GA/T 1400
Smart Function	
Face	Face capture, face recognition, body capture, mask detection, face attributes (wearing a mask, age group, wearing glasses, gender, hair length, chef's hat, helmet)
Vehicle	Vehicle attributes (vehicle type, vehicle make, body colour, vehicle model, direction of travel), electrical scooter detection
Perimeter	Area intrusion, leaving area detection, detection target can distinguish between people, motor vehicles, non-motor vehicles
Headcount	Statistics on the number of people crossing the line, statistics on the number of people in the area
Event Type	Support application event, network alarm input event
Event Linkage	Report to server, upload FTP, alarm recording, voice broadcast, alarm output, background image capture
Customized voice	Support for custom voices, with the possibility of manually importing voice files
Other Parameter	
Speaker& Mic	Support
Audio output	1ch
SD Card	Micro SD card slot, maximum support 256channel
Network	1 RJ45 100M
Power Supply	DC12V/1A;POE 48V/0.35A, 802.3af
IP Level	IP67
Dimension	94.4*84.8*195.8mm