



Amaryllo M2D Biometric Camera Module

Real-time object recognition biometric camera module with encrypted data protection

Product Description

Amaryllo M2D module is the first standard-size security camera module with built-in edge biometric technologies and cloud services to replace conventional 38 mm x 38 mm CCTV camera modules. Amaryllo M2D modules are integrated with Amaryllo's military-grade P2P networks to secure the best data encryption protection. M2D modules come with built-in object recognition such as fires, faces, humans, vehicles, pets, etc. M2D modules also support state-of-the-art voiceprint recognition, unlimited cloud storage, and professional monitor services.

Standard Features

M2D modules solutions include the following features and functions:

- Secure military grade encrypted P2P networks
- Real-time video resolution adjustment to remove video latency issues
- True real-time two-way audio talk
- Real-time human detection
- Real-time face recognition
- Real-time vehicle detection
- Real-time pet detection
- Voiceprint support
- Cloud storage support

Hardware Specifications

Encryption technologies	256-Bit Encryption
Facial recognition	Yes
Facial recognition number	Unlimited
Face detection	Yes
Motion detection	Yes
Google Services link	Yes
Streaming video quality	Automatically adjusted
Activity/Blockout zones	Max : 4
Smart alert	Yes
Snapshot/text/offline alert	Yes
Intruder warning light/alarm	Yes
Privacy protection	Yes
Multiple viewer support	Yes
Resolution	2M pixels
Image sensor	1/2.7" CMOS
MIMO antenna	Embedded 1x1

Video resolution	1080p, 720p, 480p, 360p
Video compression	H.264
Day / Night vision	Yes (Infrared, LEDs IR Cut)
Frame rate	1920 x 1080 up to 30 fps
Network protocol	TCP/IP, UDP/IP, HTTP/HTTPS, DHCP,NTP,WPS, ONVIF Q4
NVR support	Yes
VMS support	Yes
NAS support	SMB/CIFS
RTSP support	Yes
POE support	IEEE 802.3 af/at
Local storage	Supports up to 128GB microSD card
Alert storage	3 Days
App support	Amaryllo
OS requirements for app	iOS: 10.0 and up / Android: 5.0 and up
PC browser support	Chrome, Firefox
Wireless	Embedded Wi-Fi (2.4G) 802.11 b/g/n