Megvii intelligent Cube video analysis box
MegBox-B3R

Introduction：

Megbox-b3r series products, an intelligent video analysis box of Megvii, combined with established monitoring points, can detect and recognize faces in video streams at the front end. The cube is integrated with high-performance video processing unit and AI computing unit, equipped with Megvii advanced AI learning face algorithm, to achieve high-precision face recognition function. As a face recognition edge computing device, the device provides rich API interfaces to realize the control of the terminal and the invocation of various functions, so as to facilitate the secondary development and business services of users. The equipment can support access to Megvii's own business systems such as Koala and AioT；

MegBox-B3R-412 MegBox-B3R-1012

Feature：

- Huge Library: Max 100,000, branch library management up to 64, suitable for different scenarios of the bottom Library management requirements

- multi channels：The B3R analysis box supports 16-channel video stream access to maximize the utilization rate of a single device

- Black/white list modes can be switched：In the B3R analysis box face recognition mode, the black and white list mode can be switched to match more suitable algorithm mode in different face recognition scenes to improve scene adaptability and user experience

- Multi-platform access：The B3R analysis box supports access to Megvii business platforms such as Koala and Pangu, as well as access to third-party platforms through RESTful API；

Hardware Specification :

Model	B3R-412	B3R-1012
video channel	4	16
Max Library	100,000	
group	64	
Image input speed	≥25QPS batch	
Image format	JPG、JPEG、PNG、BMP	
Image size	≤4MB、≤4096*4096pix	
Min face	100*100pix	
Detect min face	50*50pix	
Transfer mode	The fast or the best	
Alarm history	100 pcs	
Image history	50,000	
Initiative to report	face capture and result	
White list		
Capture rate	≥99%	
Interruption rate	＜10%	
Access rate	＞99.5%	
False Accept Rate	0.5%	
Black list		
Capture rate	≥99%	
Repetitive rate	＜20%	
Recognition rate	＞96%	
Hardware Index		
Power input	DC 12V±10% 2A	
Power	＜15W（MAX)	

Operation temperature	-20℃-+65℃
Relative humidity	40%-90%RH，No condensation
RJ45 port	100/1000M auto *1
USB port	USB 3.0 *1
RAM	4GB
storage	32G
weight	0.45KG
size	136*98*40（mm）
LED light	red—power，green—running

- Remark : for more information please contact Sale@nvk.co.th