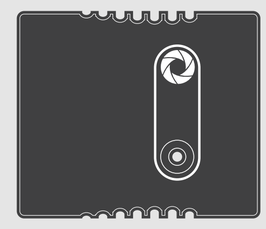
Specifications

OpenNCC IR+



AI	
Computing Power	Up to 4TFlops
Supported Model	OpenVINO
Supported Frameworks	ONNX, TensorFlow, Caffee, MXNet, Kaldi
Software	
ISP	✓
Open Source	OpenNCC CDK, Development Technical Document, Configuration Tool OpenNCC View
Supported Languages	C/C++/Python
SDK Support Function	1. Get Video Stream 2. AI Model Download and Replacement 3. Get Model Operation Results 4. Camera Photo, Reset etc. 5. Measure Person Temperature and issue alerts
OpenNCC View Function	Configure Camera Parameters, Configure Camera local AI Model
OpenNCC CDK Supported OS	Linux / Windows
OpenNCC View Supported OS	Linux
Hardware	
Size	120 mm*100 mm*80 mm
Weight	~710 g
VPU	Intel Myriad X
RAM	8Gb
Data Interface	HDMI/RJ45/USB2.0
Power	5V / 3A
Camera Sensor	RGB Sensor Infrared Sensor
Resolution	RGB: 1920 x 1080 Infrared：256 x 192
Frame Rate	RGB: up to 120fps Infrared: up to 25Hz
Lenses	Thermal: 42°
Temperature Range	0 ~ 50 ℃ (Imaging) 10 ℃~50 ℃ (Temperature measurement)
Measuring distance	0.3 ~ 3 m
Detector NETD	<50mK @25°C, F#1.0, 25Hz
Accuracy	± 0.5 ℃ @ Object Temperature 30 ℃ ~ 45°C ± 0.3 ℃ with blackbody