SiMMIR

Build an AI-Powered Brain for Terminal Video Understanding

Provide Process Analytics Solutions for Manufacturing Industry

SIMMIR SELECTION MANUALS

Software-Hardware Integrated Solution Provider for Terminal Video Understanding

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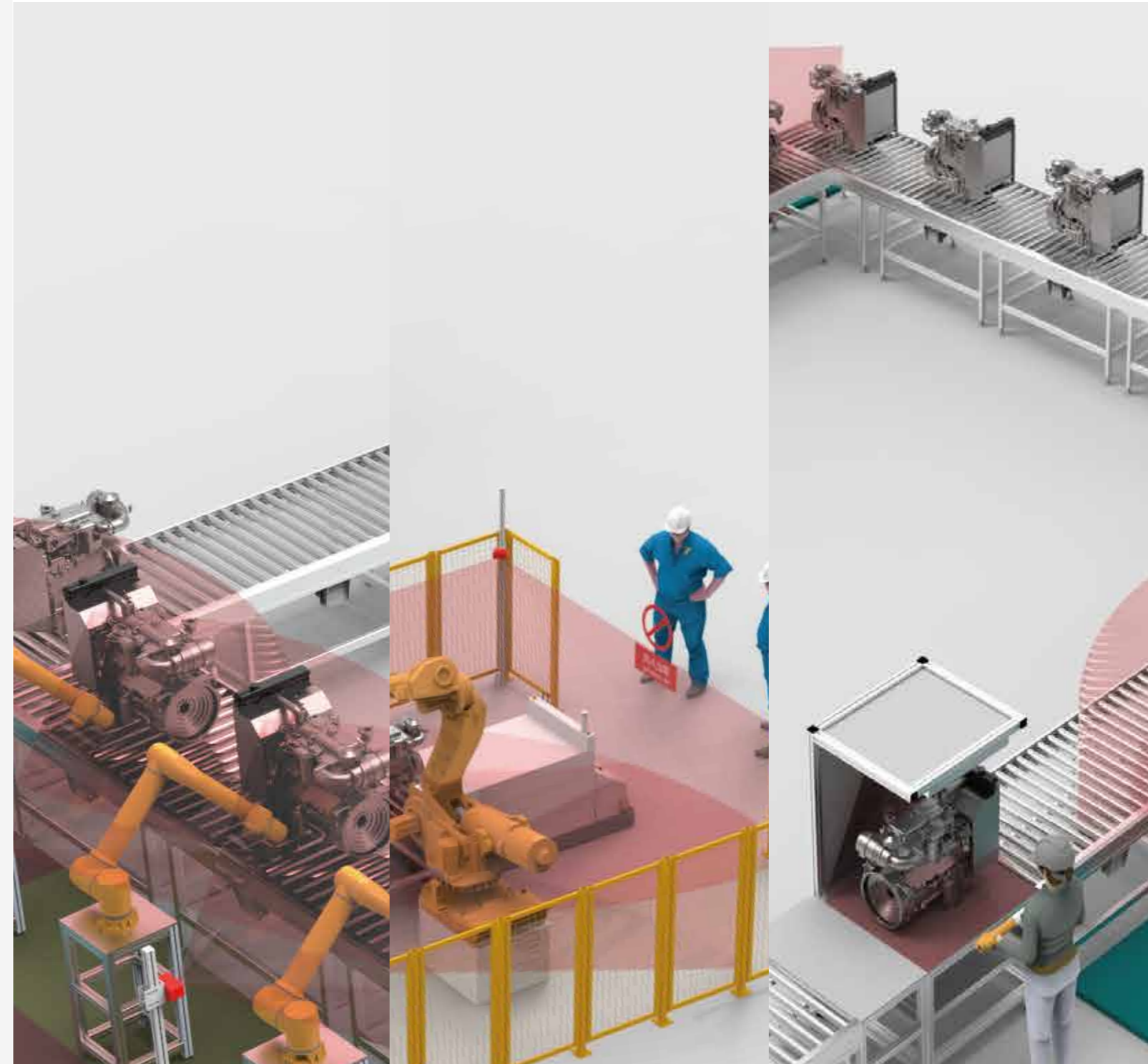
01

Simmir
Event Recording
and Tracing System
(SERT)

02

Simmir
Visual Personnel
Protection System
(SVPP)

03

Simmir
Productive Action
Recognition System
(SPAR)

❖ Company Profile

Simmir Vision Technologies Co., Ltd. is a national high-tech enterprise dedicated to building AI terminal video understanding systems, providing comprehensive solutions of productive process management and real-time video analysis for manufacturing industry. Established in 2019, our company has built a research and development team comprising over 70% of workforce.

Our R&D team has long been committed to research in computer vision, action recognition, edge computing, hardware accelerators, and human-machine collaboration. We have a profound theoretical foundation and extensive practical experience in areas such as video analysis networks, model compression, terminal computing architectures, etc.

Simmir's proprietary products including Event Recording and Tracing System (SERT), Visual Personnel Protection System (SVPP), Productive Action Recognition System (SPAR), Video Analysis Platform (SVAP), Artificial Intelligence Integrate Platform (SAIP), Equipment and Data Center (SEDC), and EventNAS have been widely applied in various industries, including automotive, 3C, new energy, semiconductor, home appliances, rail transportation, biomedicine, etc.

SiMMIR

Build an AI-Powered Brain for Terminal Video Understanding
Provide Process Analytics Solutions for Manufacturing Industry

4K Resolution   Edge Computing   Industrial-Grade

Rich Protocols   AI Analysis   User-Friendly

EventCAM 2D

EventCAM 2D is an industrial event recording camera with high-performance image capture and video processing capabilities. It is capable of capturing and recording events within the industrial control system in real time, generating important short video records for further analyze and monitor. At the same time, it features industrial data collection and protocol streaming functions. It can integrate with PLCs or robots to obtain real-time status from the control system, including fault alerts, production signals, workpiece scanning results, etc. With comprehensive industrial bus communication protocols, it facilitates seamless integration with production lines.
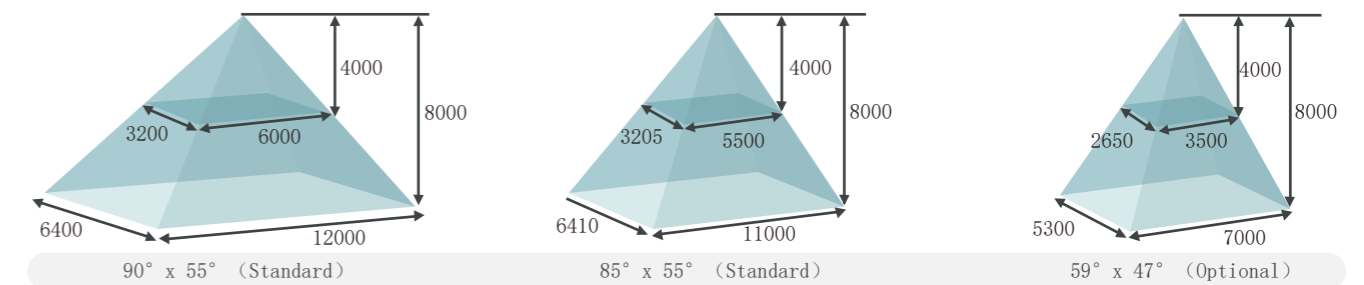
EventCAM 2D offers ultra-high 4K resolution and 240FPS frame rate. High-performance SOCs, ISPs, and low-latency video encoding IP are utilized in EventCAM 2D to ensure image quality.

- Zero-threshold operation:
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- Wide range of applications:
  The application can comprehensively cover typical industrial scenarios.enabling efficient data exchange.

- Openness and ease of use:
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.

- Flexible deployment:
  Various installation methods are supported for complex installation environments.

- Technological innovation:
  Terminal video understanding algorithms, model compression, and chip architecture coupling.

- Strong adaptability:
  Adaptable to most of the robots of the mainstream brands and various types of industrial equipment.

- High imaging quality:
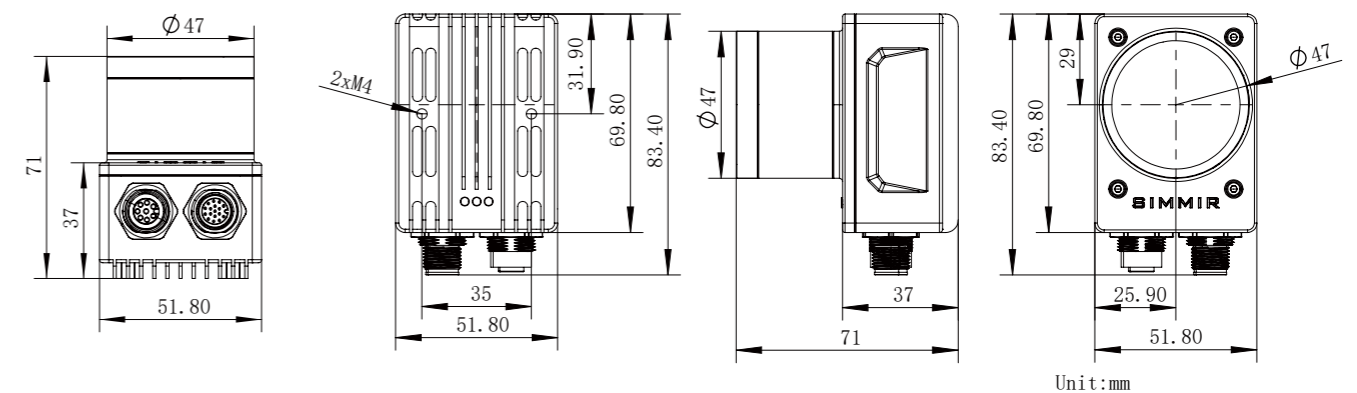 The camera can produce high-resolution and high-quality video data.

- Beyond basic functions:
  Supports event recording, state monitoring, log recording, cluster management, and more.

Specification

Model	XMR-ARJ335	XMR-POEJ335
Specifications	–	POE
Resolution	5MP	5MP
Sensor	1/2.8', CMOS	1/2.8', CMOS
Shutter	Rolling Shutter	Rolling Shutter
Frame Rate	30fps	30fps
Mono/Color	Color	Color
Lens Mount	C/CS/S	C/CS/S
Voltage	24VDC	–
Current	0.5A	–
Light Source	White Light	White Light
Size	83.4*51.8*71mm	83.4*51.8*71mm
Weight	300g	300g
Installation Dimensions	2-M4, depth: 5mm, hole pitch: 35mm	
External Interfaces	M12 Aviation Plug*2	M12 Aviation Plug*2
Digital I/O Interfaces	4 channels of optocoupler isolated I/Os, 24V PNP/NPN; Driving capacity of 50mA, able to drive small and medium-sized relays	
Industrial Fieldbus Interfaces	1 channel of isolated 485 interfaces supporting ModbusRTU protocol	
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP 、TCP/IP、UDP 、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP	
Operating Temperature	-20℃~45℃	-20℃~45℃
Protection Rating	IP67	IP67
Vibration Rating	4gs(30min10-120Hz)	4gs(30min10-120Hz)
Certification	CE/FCC	CE/FCC

Field of view

90° x 55° (Standard)　　85° x 55° (Standard)　　59° x 47° (Optional)

Dimensions

Unit:mm

AI EventCAM 2D

AI EventCAM 2D is an AI-powered video event trigger camera, which is an upgraded version of EventCAM 2D. Apart from all the original functions of EventCAM 2D, it is also equipped with AI and DSP engines to enhance the video understanding capability at the edge. A lightweight video processing AI network model and a real-time operating platform are embedded in the system to implement fast and accurate recognition of people's presence, action recognition, trajectory classification, anomaly detection, etc.
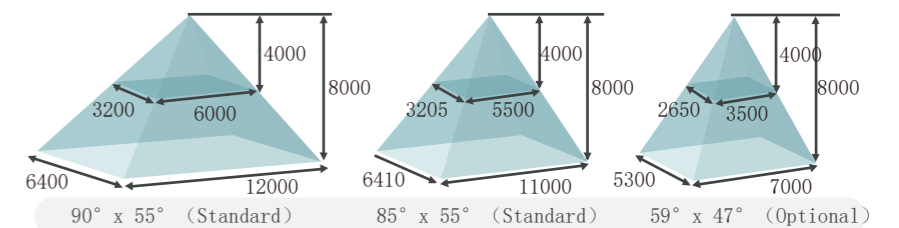
AI EventCAM 2D also offers ultra-high 4K resolution and 240FPS frame rate. It was developed on the heterogeneous chip architecture platform, and the self-developed video understanding AI models were highly optimized. It incorporates a low-latency video encoding IP and ISP module to provide high-quality images and videos.

- **Powerful AI processing capability:**
  It can efficiently process videos and images for frame rates of over 60FPS.

- **Openness and ease of use:**
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.

- **Zero-threshold operation:**
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- **Accurate analysis:**
  Embedded with multiple pre-trained 2D video understanding models trained on extensive datasets.

- **Beyond basic functions:**
  Supports event recording, state monitoring, log recording, cluster management, and more.

- **Rich software:**
  Video Analysis Platform (SVAP), Artificial Intelligence Integrate Platform (SAIP), Equipment and Data Center (SEDC).

- **Wide range of applications:**
  The application can comprehensively cover typical industrial scenarios.

- **Flexible deployment:**
  Various installation methods are supported for complex installation environments.

- **Technological innovation:**
  Terminal video understanding algorithms, model compression, and chip architecture coupling.

- **Strong adaptability:**
  Adaptable to most of the robots of the mainstream brands and various types of industrial equipment.
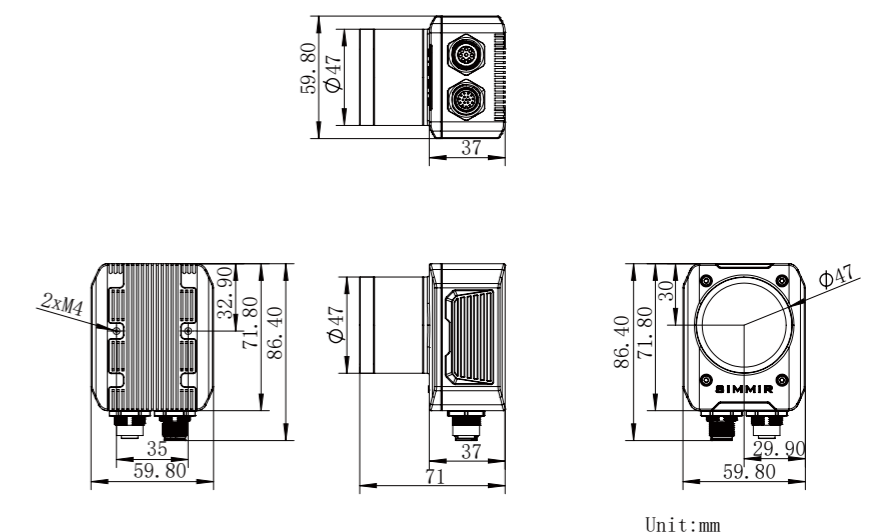
Specification

Model	XMR-AI01	XMR-AR02	XMR-AR850	XMR-POE415	XMR-POE850AT	XMR-ARJ462	XMR-POEJ462	XMR-ARJ130	XMR-POEJ130
Specifications	–	–	Low-Light Environment Specialized Series	POE	Low-Light Environment Specialized Series with POE	–	POE	–	POE
Resolution	4K	4K	4K	4K	4K	2MP	2MP	1.3MP	1.3MP
Sensor	1/1.8', CMOS	1/2.8', CMOS	1/1.73', CMOS	1/2.8',CMOS	1/1.73', CMOS	1/2.7',CMOS	1/2.7',CMOS	1/2.7',CMOS	1/2.7',CMOS
Shutter	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Global	Global
Frame Rate	60fps	60fps	60fps	60fps	60fps	120fps	120fps	240fps	240fps
Mono/Color	Color	Color	Color	Color	Color	Color	Color	Color	Color
Lens Mount	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S
Voltage	24VDC	24VDC	24VDC	–	24VDC	24VDC	–	24VDC	–
Current	1.5A	1.5A	1.5A	1.5A	1.5A	1.5A	1.5A	1.5A	1.5A
Light Source	White	White	White	White	White	White	White	White	White
Size	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm	86.4*59.8*71mm
Weight	240g	240g	240g	240g	240g	240g	240g	240g	240g
Installation Dimensions	2-M4, depth: 5mm, hole pitch: 35mm								
External Interfaces	M12 Aviation Plug*2								
Digital I/O Interface	4 channels of optocoupler isolated I/Os, 24V PNP/NPN; Driving capacity of 50mA, able to drive small and medium-sized relays								
Industrial Fieldbus Interfaces	1 channel of isolated 485 interfaces supporting ModbusRTU protocol								
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP、TCP/IP、UDP、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP								
Operating Temperature	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃
Protection Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Vibration Rating	4gs(30min 10-120Hz)								
Certification	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC

Field of view

90° x 55° (Standard)

4000 / 8000
3200 / 6000
6400 / 12000

85° x 55° (Standard)

4000 / 8000
3205 / 5500
6410 / 11000

59° x 47° (Optional)

4000 / 8000
2650 / 3500
5300 / 7000

Dimensions

59.80   Ø47   37

2xM4   32.90 / 71.80 / 86.40   35 / 59.80

Ø47   37 / 71

86.40 / 71.80 / 30   ØA7   29.90 / 59.80

Unit:mm

EX EventCAM 2D

EX EventCAM 2D is an industrial event trigger camera that complies with the Ex ib IIC T6 Gb/Ex ib IIIC T80° C Db intrinsic safe explosion protection standards for harsh conditions in explosive atmospheres.

The EX version is an extended version of the EventCAM 2D and AI EventCAM 2D. Its hardware has been specially adjusted to meet the requirements of automated production lines for pyrotechnic products as well as flammable and explosive products. Overall hardware optimizations including on circuit design, electronic components, manufacturing processes, housing structure, assembly processes, as well as testing and aging processes. Significant improvements and enhancements have been made, particularly in protection rating, power supply safety, short-circuit protection, overheating detection, and alarm.
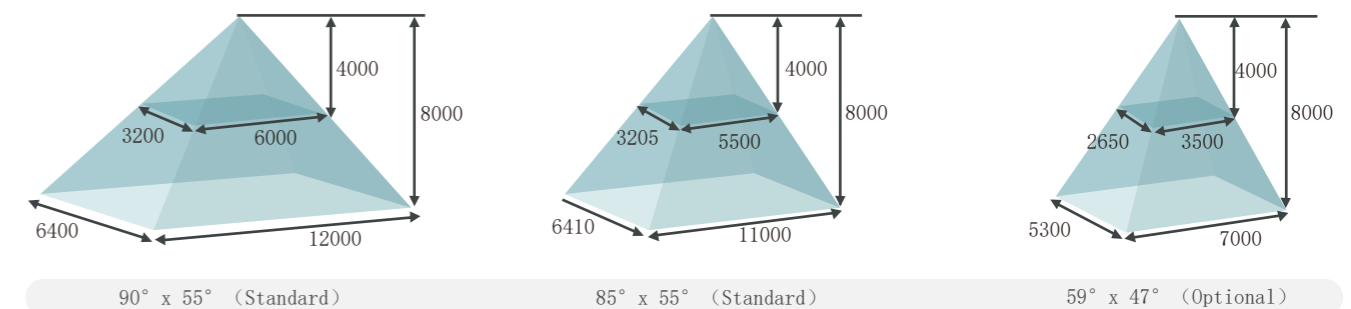
- **Wide range of applications:**
  It can comprehensively cover automated production lines for pyrotechnic products as well as flammable and explosive products.

- **Openness and ease of use:**
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.

- **Zero-threshold operation:**
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- **Flexible deployment:**
  Various installation methods are supported for complex installation environments.

- **Strong adaptability:**
  Adaptable to most of the robots of the mainstream brands and various types of industrial equipment.

- **Technological innovation:**
  Terminal video understanding algorithms, model compression, and chip architecture coupling.

- **Comprehensive software toolchain:**
  Supports self-defined safety detection functions such as 2D spatial personnel presence detection, abnormal trajectory detection, and more.
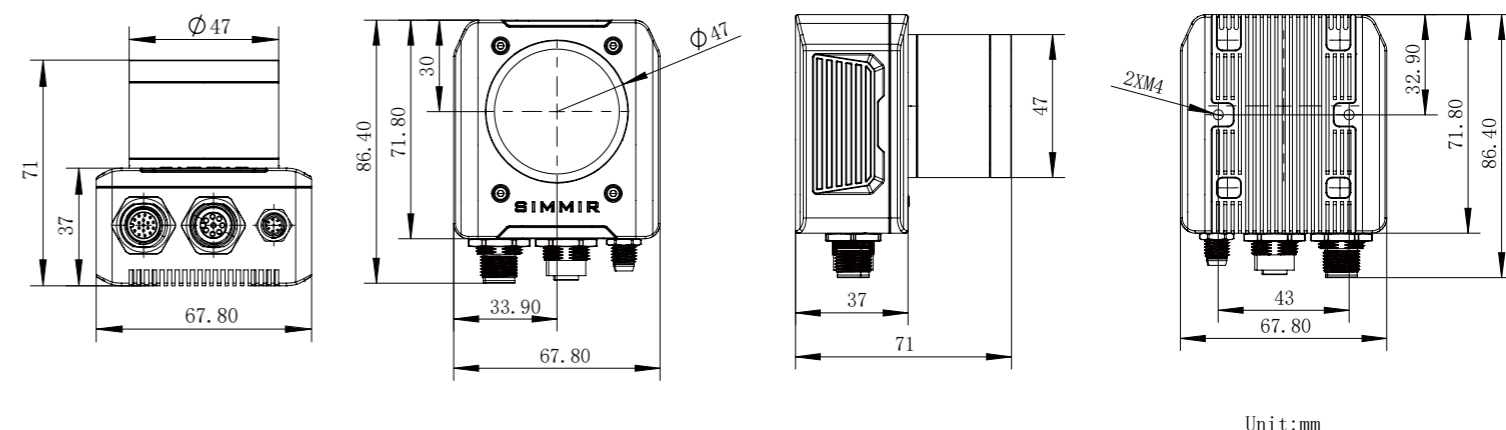
- **Accurate analysis:**
  Embedded with multiple pre-trained video understanding models trained on extensive datasets.

- **Safety and reliability:**
  Complies with the Ex ib IIC T6 Gb/Ex ib IIIC T80° C Db intrinsic safety explosion protection standards for harsh conditions in explosive atmospheres.

Specification

Model	XMR-EX415	XMR-EX850AT	XMR-EXJ335	XMR-EXJ462	XMR-EXJ130
Specifications	AI Intrinsic Safety Explosion-Proof Series	Explosion-Proof Series for Low-Light Environments	Intrinsic Safety Explosion-Proof Series	AI Intrinsic Safety Explosion-Proof Series	
Resolution	4K	4K	5MP	2MP	1.3MP
Sensor	1/2.8', CMOS	1/1.73', CMOS	1/2.8', CMOS	1/2.7', CMOS	1/2.7', CMOS
Shutter	Rolling	Rolling	Rolling	Rolling	Global
Frame Rate	60fps	60fps	30fps	120fps	240fps
Mono/Color	Color	Color	Color	Color	Color
Lens Mount	C/CS/S	C/CS/S	C/CS/S	C/CS/S	C/CS/S
Voltage	9VDC	9VDC	9VDC	9VDC	9VDC
Current	1.5A	1.5A	1.5A	1.5A	1.5A
Light Source	White	White	White	White	White
Size	86.4*67.8*71mm				
Weight	300g	300g	300g	300g	300g
Installation Dimensions	2-M4, depth: 5mm, hole pitch: 35mm				
External Interfaces	M12 Aviation Plug*2;M8 Aviation Plug*1				
Digital I/O Interfaces	4 channels of optocoupler isolated I/Os, 24V PNP/NPN; Driving capacity of 50mA, able to drive small and medium-sized relays				
Industrial Fieldbus Interfaces	1 channel of isolated 485 interfaces supporting ModbusRTU protocol				
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP、TCP/IP、UDP、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP				
Operating Temperature	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃
Protection Rating	IP67	IP67	IP67	IP67	IP67
Vibration Rating	4gs(30min 10-120Hz)				
Certification	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC

Field of view

90° x 55° (Standard)　　85° x 55° (Standard)　　59° x 47° (Optional)

Dimensions

Unit:mm

Safety EventCAM 2D

Safety EventCAM 2D is a safety event detection camera that complies with PL d standard, as well as ISO13849, IEC61508, and IEC60201 certification standards. Based on AI EventCAM 2D, Safety EventCAM 2D incorporates multiple redundancies including hardware, operating system, software algorithms, and safety outputs. It is also equipped with a comprehensive status detection system.

Safety EventCAM 2D aims to provide the automation industry with a new safety protection option. It utilizes advanced technology to address the human protection problems in the industry. This product can meet stringent safety requirements and provides comprehensive event detection and recording at the same time.
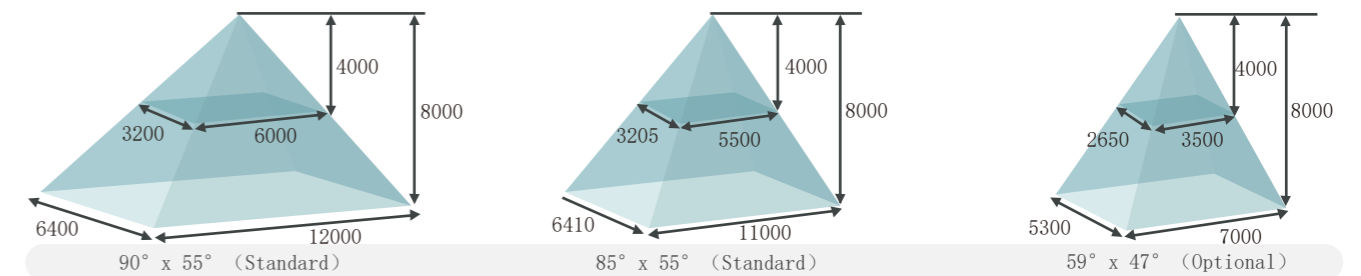
- **Zero-threshold operation:**
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- **Wide range of applications:**
  The application can comprehensively cover typical industrial scenarios.

- **Flexible deployment:**
  Various installation methods are supported for complex installation environments.

- **Strong adaptability:**
  Adaptable to most of the robots of the mainstream brands and various types of industrial equipment.

- **Technological innovation:**
  Terminal video understanding algorithms, model compression, and chip architecture coupling.

- **Openness and ease of use:**
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.

- **Safety and reliability:**
  Dual/triple-redundant isolated safety outputs, dual CPU hardware redundancy verification, dual hardware watchdogs, and more.
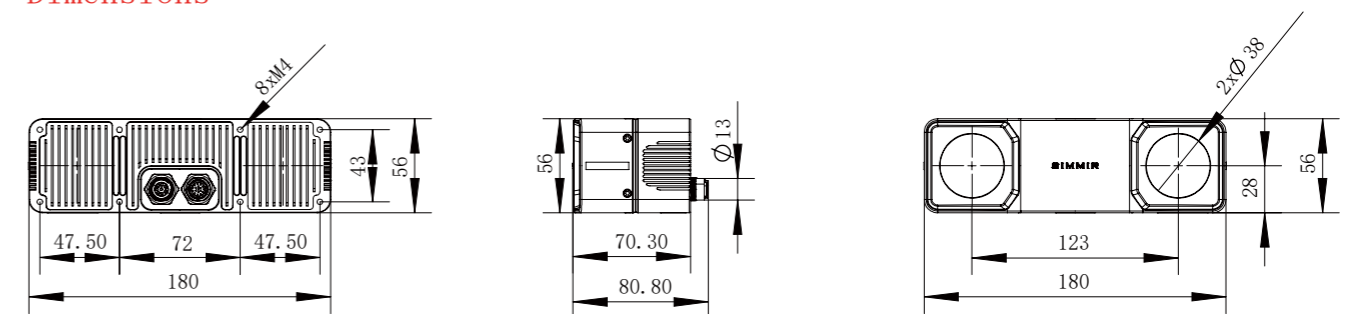
- **Stability and accuracy:**
  Real-time sampling and cross-checking of multiple chip power rails, hardware redundancy for safety outputs, and more.

- **Comprehensive software toolchain:**
  Supports self-defined safety detection functions such as 2D spatial personnel presence detection, abnormal trajectory detection, and more.

Specification

Model	SVIC-2D01	SVIC-2D02	SVIC-2D03
Specifications	Low-Light Environment Specialized Series	-	Series for Mobile Environment
Resolution	4K	2MP	1.3MP
Sensor	1/1.73', CMOS	1/2.7', CMOS	1/2.7', CMOS
Shutter	Rolling Shutter	Rolling Shutter	Global Shutter
Frame Rate	60fps	120fps	240fps
Mono/Color	Color	Color	Color
Lens Mount	C/CS/S	C/CS/S	C/CS/S
Voltage	24VDC	24VDC	24VDC
Current	1A	1A	1A
Light Source	White	White	White
Size	180*56*70mm	180*56*70mm	180*56*70mm
Weight	1.2kg	1.2kg	1.2kg
Installation Dimensions	8-M4, depth:10mm	8-M4, depth10mm	8-M4, depth10mm
External Interfaces	M12 Aviation Plug*2	M12 Aviation Plug*2	M12 Aviation Plug*2
Digital I/O Interfaces	3 redundant channels of optocoupler isolated safety inputs, 24V PNP; 3 redundant channels of optocoupler isolated safety outputs, 24V PNP		
Industrial Fieldbus Interfaces	1 channel of isolated 485 interfaces supporting ModbusRTU protocol		
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP 、TCP/IP、UDP、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP		
Operating Temperature	-20℃~45℃	-20℃~45℃	-20℃~45℃
Protection Rating	IP67	IP67	IP67
Vibration Rating	4gs(30min10-120Hz)	4gs(30min10-120Hz)	4gs(30min10-120Hz)
Certification	CE/FCC	CE/FCC	CE/FCC

Field of view

90° x 55° (Standard) — 4000, 8000, 3200, 6000, 6400, 12000

85° x 55° (Standard) — 4000, 8000, 3205, 5500, 6410, 11000

59° x 47° (Optional) — 4000, 8000, 2650, 3500, 5300, 7000

Dimensions

8xM4, 43, 56, 47.50, 72, 47.50, 180

56, Ø13, 70.30, 80.80

2xØ-38, 28, 56, 123, 180

Unit:mm

EventCAM 3D

EventCAM 3D is a product isomorphic to EventCAM 2D in terms of the underlying structure, and their operation is also the same. It adds 3D image capture and computation to AI EventCAM 2D. EventCAM 3D combines traditional 3D camera features with an embedded processing system. It is capable of transmitting high-quality RGB-D images and supports AI processing without the need for a separate industrial computer, thanks to its integrated AI processor.

With the embedded self-developed video understanding algorithms, EventCAM 3D supports a wide range of out-of-the-box features, making it very user-friendly. Its system latency is also far lower than separated architectures, allowing flexible applications in various scenarios. It aims to further lower the barriers of 3D+AI applications and realize codeless deployment.

- **Zero-threshold operation:**
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- **Openness and ease of use:**
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.

- **Wide range of applications:**
  The application can comprehensively cover typical industrial scenarios.

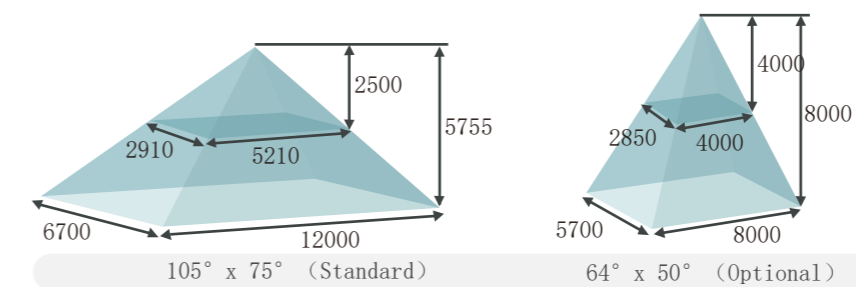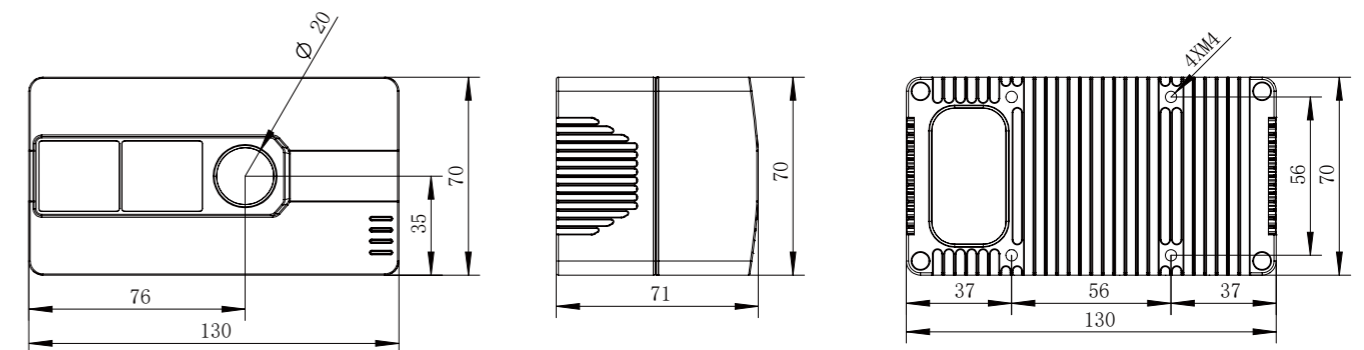- **Flexible deployment:**
  Various installation methods are supported for complex installation environments.

- **Strong adaptability:**
  Adaptable to most of the robots of the mainstream brands and various types of industrial equipment.

- **Technological innovation:**
  Terminal video understanding algorithms, model compression, and chip architecture coupling.

- **Approach innovation:**
  Simultaneously deploy 2D/3D video understanding to heterogeneous chip internals at the edge.

- **Comprehensive software toolchain:**
  Supports custom 3D spatial foreign object intrusion detection, abnormal trajectory detection, and more.

- **Accurate analysis:**
  Embedded with multiple pre-trained video understanding models trained on extensive datasets.

- **Beyond basic functions:**
  Supports event recording, state monitoring, log recording, cluster management, and more.

Specification

Model	XMR-3D01	XMR-3D02
Specifications	Series with Wide Angle	Series with Normal Field of View
Resolution	RGB: 3840*2160 tof: 640*480	RGB: 3840*2160 tof: 640*480
Sensor	tof FOV: 105*75	tof FOV: 64*50
Shutter	Rolling Shutter	Rolling Shutter
Frame Rate	30fps	30fps
Mono/Color	Color	Color
Lens Mount	C/CS/S	C/CS/S
Voltage	24VDC	24VDC
Current	3A	3A
Light Source	White Light	White Light
Size	130*70*71mm	130*70*71mm
Weight	1.5kg	1.5kg
Installation Dimensions	4-M5, depth: 5mm, hole pitch: 56*56mm	
External Interfaces	M12 Aviation Plug	
Digital I/O Interfaces	4 channels of optocoupler isolated I/Os, 24V PNP/NPN; Driving capacity of 50mA, able to drive small and medium-sized relays	
Industrial Fieldbus Interfaces	1 channel of isolated 485 interfaces supporting ModbusRTU protocol	
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP 、TCP/IP、UDP 、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP	
Operating Temperature	-20℃~45℃	-20℃~45℃
Protection Rating	IP67	IP67
Vibration Rating	4gs(30min10-120Hz)	4gs(30min10-120Hz)
Certification	CE/FCC	CE/FCC

Field of view

105° x 75° (Standard)   64° x 50° (Optional)

Dimensions

Unit:mm

EventNAS

EventNAS is a customized storage device for industrial data. It provides robust support for the EventCAM series of products. EventNAS offers data storage capability with high capacity, high reliability, and easy maintenance, supporting multiple access protocols.

EventNAS is developed on high-performance multi-core SOC chips, providing space for multiple hard drives and running a customized Linux system. It is equipped with RAID to ensure data safety even if a single hard drive fails. In addition, EventNAS can serve as a high-performance industrial computer with ample memory, high-speed storage media, and various industrial communication interfaces. Users can customize the system according to their needs to achieve industrial "storage + data acquisition + control" integration.

- **Zero-threshold operation:**
  No software is needed to be installed on the PC. Industrial applications can be implemented without code basics.

- **Technological innovation:**
  The abundant resources of AI-SOC in the system replace industrial computers with traditional X86 architecture.

- **Openness and ease of use:**
  Various communication interfaces can meet various data exchange requirements, enabling efficient data exchange.
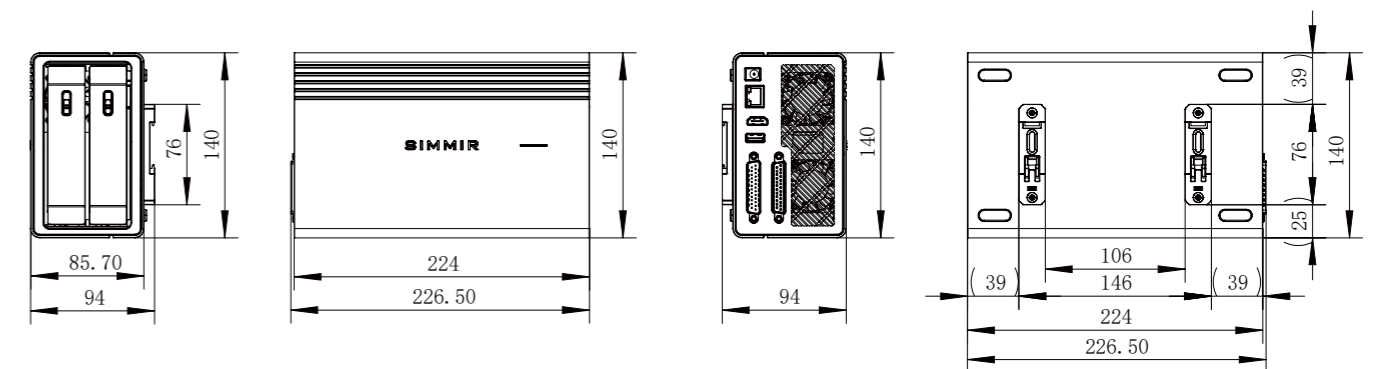
- **Industrial-grade product:**
  Satisfies the demands in data processing, storage, and transmission in industrial production, providing stable and reliable data services.

- **Efficient collaboration:**
  Multiple types of devices can be connected to facilitate information sharing and collaboration between devices.

- **Robust storage:**
  Capable of storing vast amounts of industrial equipment data from EventCAM, robots, machines, etc.

- **Flexible configuration:**
  Enables setting of remote push and data reporting functions as needed, facilitating real-time data exchange and monitoring.

- **Stability and reliability:**
  Embedded data center and database for more efficient data processing and storage.

- **Beyond basic functions:**
  Supports event recording, state monitoring, log recording, cluster management, and more.

- **Convinence:**
  Devices can directly access and use cloud-based data services with data-class SAAS at the edge.

Specification

Model	XMR-NAS204	XMR-NAS208	XMR-NAS212	XMR-NAS216	XMR-NAS220
Specifications	-	-	-	-	-
Storage Capacity	4T	8T	12T	16T	20T
Operation System	Customized Linux				
CPU	RK3588 Series	RK3588 Series	RK3588 Series	RK3588 Series	RK3588 Series
Redundancy Mechanism	RAID1	RAID1	RAID1	RAID1	RAID1
Drive Bays	2*SATA supporting both hot-swappable and fixed installation mechanisms				
Supported Types of Drives	3.5 inch server mechanical hard drive				
Voltage	24VDC	24VDC	24VDC	24VDC	24VDC
Current	3A	3A	3A	3A	3A
Size	220*140*86mm				
Weight	2kg	2kg	2kg	2kg	2kg
Installation Dimensions	DIN35 Rail Mounting				
External Interfaces	D25 Connector*2、RJ45、USB、HDMI、DC-power				
Digital I/O Interfaces	16 channels of optocoupler isolated I/Os, 24V PNP/NPN; Driving capacity of 50mA, able to drive small and medium-sized relays				
Industrial Fieldbus Interfaces	1 channel of isolation 485 interfaces supporting ModbusRTU protocol; 1 channel of isolation CAN interfaces supporting Canopen protocol; 1 channel of isolation 232 interfaces, 1 channel of non-isolated TTL serial interfaces				
Industrial Ethernet Interfaces	1 gigabit ethernet interface supporting ModbusTCP 、TCP/IP、UDP 、HTTP、MQTT、FTP、RTSP、Websocket、Profinet、Ethernet/IP				
Operating Temperature	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃	-20℃~45℃
Protection Rating	IP40	IP40	IP40	IP40	IP40
Vibration Rating	4gs(30min 10-120Hz)				
Certification	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC

Dimensions

Unit:mm

Name	Accessory Model	Length	Color	Material	Remark
Terminal Block	XME-DZ003	–	–	–	–

Name	Accessory Model	Length	Color	Material	Remark
TCP to Profinet Remote Module	XMR-P-TP01	–	–	–	–

Name	Accessory Model	Length	Color	Material	Remark
Multi-Degree-of-Freedom Bracke	XM-50-00S	50mm	Magenta	Aluminum Alloy	–
	XM-100-00S	100mm	Magenta	Aluminum Alloy	
	XM-150-00S	150mm	Magenta	Aluminum Alloy	

Name	Accessory Model	Length	Color	Material	Remark
High-Flexibility Gigabit Network Communication Extension Cable	XM12-F-Y02	2m	Green	Environmentally Friendly PVC	M12-8pin Female-RJ45

Name	Accessory Model	Length	Color	Material	Remark
High-Flexibility Gigabit Network Communication Extension Cable	XM12-F-C03	3m	Green	Environmentally Friendly PVC	M12-8pin Female-RJ45
	XM12-F-C05	5m	Green		
	XM12-F-C10	10m	Green		
	XM12-F-C15	15m	Green		
	XM12-F-C20	20m	Green		

Name	Accessory Model	Length	Color	Material	Remark
High-Flexibility Power Trigger Cable	XM12-M-C03	3m	Blue	Environmentally Friendly PVC	M12-17pin Male-DB25
	XM12-M-C05	5m	Blue		
	XM12-M-C10	10m	Blue		
	XM12-M-C15	15m	Blue		
	XM12-M-C20	20m	Blue		

Name	Accessory Model	Length	Color	Material	Remark
High-Flexibility Power Trigger Cable	XM12-M-C03S	3m	Blue	Environmentally Friendly PVC	M12-17pin Male-Individual Core
	XM12-M-C05S	5m	Blue		
	XM12-M-C10S	10m	Blue		
	XM12-M-C15S	15m	Blue		
	XM12-M-C20S	20m	Blue		

SVAP
Simmir Video Analysis Platform

SVAP is a video intelligent analysis platform that supports large-scale localized data center deployment. It is compatible with Simmir's intelligent hardware or third-party hardware products and provides open and accessible SDK interfaces. The system offers functions such as device access and management, device cluster configuration, AI model library configuration, video analysis and calculation, database and data querying, multimedia visualization, etc.

SAIP
Simmir Artificial Intelligence Integrate Platform

SAIP is a cloud-based AI training platform. It has functions including video pre-processing, data labeling, dataset management, model training, model testing, model management, model conversion and downloading. It can integrate seamlessly with all of Simmir's hardware and software products and platforms. SAIP also offers localized deployment services for users with high data confidentiality requirements.

SEDC
Simmir Equipment and Data Center

SEDC is a platform for management on self-developed hardware products and data. It supports large-scale device access and cluster management and can handle massive multi-dimensional data. SEDC has various out-of-the-box functions, including device status monitoring, communication data management, data labeling and statistics, label management, reporting, and visualization. SEDC also provides open and accessible SDK interfaces for users. It supports both localized and cloud-based deployment.