

Cables

To help industrial cameras work more stable, Hikrobot provides high-quality cable products including power line, I/O control line, data transmission line to fulfill diverse application needs.



Multiple types, diversified interface

The power cables covers various aviation connector cables such as P7 6pin/P10 12pin and M12. Data cable includes GigE/10GigE/USB3.0/Camera Link/ CoaXPress and other interfaces to match with different types of industrial cameras.

6pin P7 **Camera Link** **CoaXPress**

Multiple types, diversified interface



Comprehensive performance, adapt to diverse scenarios

Data Cable



Specifications

Interface type	Wire type	Model	End A connector	End B connector	Length
USB3.0 Cables	Standard	MV-ACU3-MBMs-AM-ST	Micro-B male (with screw)	A male	0.5m/1m/2m/3m
	Standard (angled)	MV-ACU3-MBMs(down)-AM-ST	Micro-B male (with screw), Angle (down)	A male	0.5m/1m/2m/3m
	Flexible	MV-ACU3-MBMs-AM-FL	Micro-B male (with screw)	A male	3m

Interface type	Wire type	Model	End A connector	End B connector	Length
USB3.0 Cables	Flexible(high shield)	MV-ACU3-MBMs-AM-FL(EMC)	Micro-B male (with screw)	A male	3m
	Super flexible long distance (AOC)	MV-ACU3-MBMs-AM-SF	Micro-B male (with screw)	A male	3m/5m/7m/10m/15m/20m
	Standard	MV-ACG-RJ45s-RJ45-ST	RJ45 (with locking stud)	RJ45	1m/3m/5m/7m/10m/15m/30m/60m
GigE Cables	High flexible	MV-ACG-RJ45s-RJ45-HF	RJ45 (with locking stud)	RJ45	3m/5m/7m/10m/15m/30m
	Super flexible	MV-ACG-RJ45s-RJ45-SF	RJ45 (with locking stud)	RJ45	3m/5m/7m/10/15m
	Standard (angled)	MV-ACG-RJ45s(up)-RJ45-ST	RJ45 (with locking stud), Bend(up)	RJ45	3m/5m/15m
	High flexible (angled)	MV-ACG-RJ45s(up)-RJ45-HF	RJ45 (with locking stud), Bend(up)	RJ45	3m/5m/15m
10GigE Cables	Standard	MV-AC10G-RJ45s-RJ45-ST	RJ45 (with locking stud)	RJ45	3m/5m/10m
	High flexible	MV-AC10G-RJ45s-RJ45-HF	RJ45 (with locking stud)	RJ45	3m/5m/10m
10GigE Optical Fiber Jumper Cables	Standard	MV-AC10G-2LC-2LC-ST	2LC	2LC	3m/5m/10m
10GigE Optical Fiber Module	Standard SPF+ module	MV-AC10G-SFP-850-LC	2LC	2LC	-
100G Optical Fiber Jumper	QSFP28 jumper	MV-AC100G-MPO-MPO-ST *	MPO	MPO	3m/5m/10m
100G Optical Fiber Module	QSFP28 module	MV-AC100G-QSFP28-850 *	MPO	-	-
Camera Link Cables	Standard	MV-ACCL-SDR-SDR-ST	SDR26	SDR26	3m/5m/7m
	High flexible	MV-ACCL-SDR-SDR-HF	SDR26	SDR26	3m/5m/7m
	High flexible	MV-ACCL-SDR-MDR-HF	SDR26	MDR26	3m/5m/7m
	Super flexible long distance (AOC)	MV-ACCL-SDR-SDR-AOC-xm-Base *	SDR (HDR)	SDR (HDR)	8m/10m/15m/20m
	Super flexible long distance (AOC)	MV-ACCL-SDR-SDR-AOC-xm-Full *	SDR (HDR)	SDR (HDR)	8m/10m/15m/20m
	Super flexible long distance (AOC)	MV-ACCL-SDR-MDR-AOC-xm-Base *	SDR (HDR)	MDR	8m/15m
	Super flexible long distance (AOC)	MV-ACCL-SDR-MDR-AOC-xm-Full *	SDR (HDR)	MDR	8m/15m
CoaXPress Cables	Standard CXP-6	MV-ACXP6-DIN-DIN-ST	Din 1.0/2.3	Din 1.0/2.3	3m/5m/10m
	Standard CXP-6	MV-ACXP6-DIN-BNC-ST	Din 1.0/2.3	BNC	3m/5m/10m
	High flexible CXP-6	MV-ACXP6-DIN-DIN-HF	Din 1.0/2.3	Din 1.0/2.3	3m/5m/10m
	High flexible CXP-6	MV-ACXP6-DIN-BNC-HF	Din 1.0/2.3	BNC	3m/5m/10m
	High flexible CXP-6	MV-ACXP6-DIN-HDBNC-HF	Din 1.0/2.3	HD-BNC	3m/5m/10m
	Standard CXP-12	MV-ACXP12-HDBNC-HDBNC-ST	HD-BNC	HD-BNC	3m/5m/10m
High flexible CXP-12	MV-ACXP12-HDBNC-HDBNC-HF	HD-BNC	HD-BNC	3m/5m/10m	

Notice: * will be released soon
x: represents the length of the cable

■ Camera Power Supply & IO Line



Specifications

Interface type	Wire type	Model	End A connector	End B connector	Length
P7 6pin I/O & Power Cables	Standard	MV-ACP-H6p-open-ST	6pin P7 female	open	1m/3m/5m/7m/10m/15m/30m/60m
	High flexible	MV-ACP-H6p-open-HF	6pin P7 female	open	3m/5m/7m/10m/15m/30m
	Super flexible	MV-ACP-H6p-open-SF	6pin P7 female	open	3m/5m/7m/10m/15m
	Standard (angled)	MV-ACP-H6p(left)-open-ST	6pin P7 female(left)	open	3m/5m/15m
	High flexible (angled)	MV-ACP-H6p(left)-open-HF	6pin P7 female(left)	open	3m/5m/15m
P10 12pin I/O & Power Cables	Standard	MV-ACP-H12p-open-ST	12pin P10 female	open	3m/5m/7m/10m/20m
	High flexible	MV-ACP-H12p-open-HF	12pin P10 female	open	3m/5m/7m/10m
Frame Grabber I/O Trigger Line	Standard (high shield)	MV-ACP-DB9F-open-ST(EMC)	DB9F	open	3m/5m/7m
		MV-ACP-DB15F-open-ST(EMC) *	DB15F	open	3m/5m/7m
Frame Grabber Internal I/O Cascade Line	Standard	MV-ACP-TJC8x7-FL-0.6m	TJC8 9pin female(7 ports)		0.6m

Notice: * will be released soon

■ Industrial Camera Client and Software Development Kit

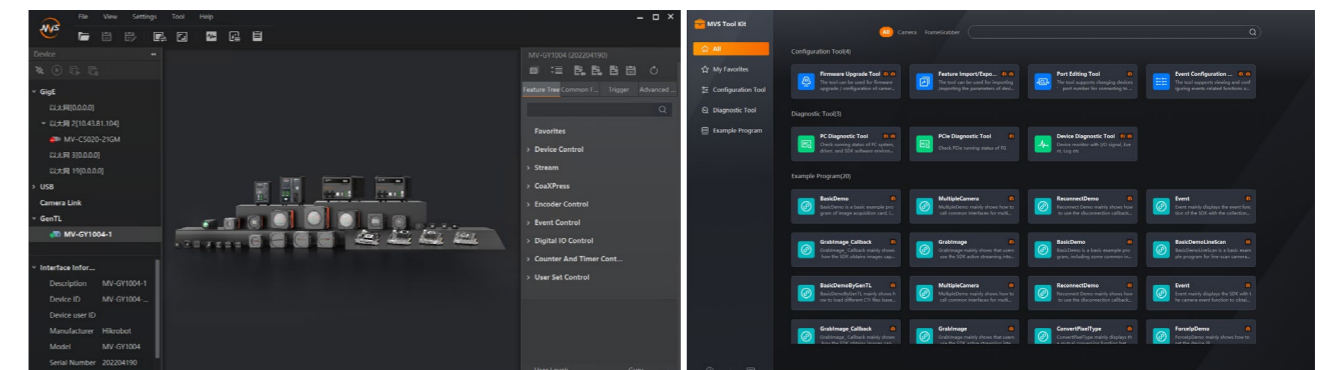
The industrial camera client and software development kit is based on the GenICam standard and follows the GigE Vision, USB3 Vision, Camera Link, CoaXPress and XoFLink protocols. The user can connect the industrial camera through the client or SDK, collect the camera image, and obtain and set the camera parameters. The software development kit contains SDK and sample programs, which can meet the diverse needs of users for secondary development.

Performance characteristics

- High-performance GEV and U3V drivers improve image data transmission and processing capabilities.
- Provide GenTL standard library to access to industrial cameras, greatly reducing the development workload.
- Abundant API interfaces are convenient for users to carry out secondary development quickly and effectively. Provide deep customization of API interfaces and UI interfaces at the same time.
- Integrate a variety of ISP algorithms to help users get the most appropriate image through image preprocessing
- Support the matching access of third-party software and provide DirectShow development kit
- Diverse sample programs, source code, and development documentation for quick access.
- Provide frame grabber SDK interface library and sample programs to support the control and image collection of self-developed frame grabber.

Supported Platforms	Supported Programming Languages
Windows 32/64bits X86/ARM Linux 32/64bits MacOS 64bits Android	C
	C++
	C#
	VB.NET
	PYTHON
	Delphi
	JAVA

MVS



Download

Industrial camera client and software development kit can be downloaded by visiting the website of Hikrobot.
<http://www.hikrobotics.com/service/soft.htm?type=1>



Here is the QR code for the download link: