

Specification

Mini Camera:



Model No.	UC-501
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~210° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: 15*15mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Plastic camera with metal lens
Temperature	-10~+70°C

Features

- Super small size 15mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.

Application Example

- Live video, Video chat
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Auto focus lens	Starlight lens
Appearance							
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/3.6/6	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	100~60°	110~30°

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-501S
Sensor	CMOS 1/2.7" 5MP 8MP
Resolution	2560×1920P@30FPS @15FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~210° optional
Focus	Auto focus
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: 15*15mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Plastic camera with metal lens
Temperature	-10~+70°C

Features

- Super small size 15mm while HD video,
- Different lens and FOV can be customized,
- Coil type cable then It can stretch and bend.

Application Example

- Special for Live video, Video chat
- For pipeline detection.
- For CCTV

Interface options



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-505
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~210° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: Φ19mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Aluminum alloy camera & lens
Temperature	-10~+80°C

Features

- Super small size Φ19mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.

Application Example

- Pipe inspection
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Starlight lens
Appearance						
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	110~30°

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-507
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~210° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: Φ20mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Aluminum alloy camera & lens
Temperature	-10~+80°C


Features

- Super small size Φ20mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.
- Holder with Φ6mm bolt can be installed

Application Example

- Pipe inspection,
- Observation requirements in circular holes
- For CCTV

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Starlight lens
Appearance						
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	110~30°

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Rainproof Camera:



Model No.	UC-510
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	50°~90° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Shell: Φ20mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Aluminum alloy camera & lens
Temperature	-10~+80°C

Features

- Small size Φ20mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.
- Holder with Φ6mm bolt can be installed
- Rainproof

Application Example

- Pipe inspection,
- Observation requirements in circular holes
- For CCTV, for outside using body camera

Lens options

	Distortionless lens
Appearance	
EFL(mm)	3.6/4/6/8
FOV	90~50°

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-512
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~210° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: 25*25mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Metal camera with metal lens
Temperature	-10~+80°C

Features

- Small size 25*25mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.
- U shaped holder to adjust the monitoring direction.

Application Example

- Live video, video chat.
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV, for car camera.

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Starlight lens
Appearance						
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	110~30°

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini manual zoom camera:



Model No.	UC-516
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	120°~36° optional
Focus	Manual
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Holder: 22.5*22.5mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Metal camera with metal lens
Temperature	-10~+80°C

Features

- Small size 22.5*22.5mm while HD video,
- Manual zoom lens and FOV can be adjusted,
- Different wires and interfaces can be customized.

Application Example

- Industrial inspection
- Machine vision.
- For CCTV

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Cat's eye lens Camera:



Model No.	UC-518
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	170° optional
Focus	Manual
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	Shell: Φ21mm~lensΦ31mm
Length of cable	15cm~10M, standard 2.5M
Power	5V / 130mA, 5V / 90mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Aluminum alloy camera & lens
Temperature	-10~+80°C

Features

- Suitable for security door monitoring,
- Different wires and interfaces can be customized.
- Wide angle view
- Wifi version is optional

Application Example

- Pipe inspection,
- Monitoring on the security door,
- For CCTV

Shell options

	for thick security doors	For thin security door	Bullet shaped	Mini bullet shaped
Appearance				
For hole	Φ21mm~Φ30mm	Φ16mm~Φ30mm	Φ21mm~Φ30mm	Φ20mm~Φ30mm

Wifi version



Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-520
Sensor	CMOS 1/2.7" 2MP
Resolution	1920*1080P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	3°~150° optional
Focus	Manual
Photo Format	MJPG
Video Output	MJPG/YUY2
White balance	Auto
Microphone	Built in Microphone
Dimension	PCB size: 38*38mm
Length of cable	5cm~10M, standard 2.5M
Power	5V / 160mA, 5V / 130mA
System	WIN7/8/10/Android/Apple Mac/Linux
Material	Metal camera with metal lens
Temperature	-10~+80°C

Features

- Small PCB size 30*30~38*38mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.
- IR night vision.

Application Example

- Live video, video chat.
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV, for car camera.

Lens options

	Distortionless lens	Wide angle lens	Telephoto lens	Starlight lens
Appearance				
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	15/20/22/25/30 /35/45/50/70	2.8/4/6/8/12
FOV	90~30°	160~100°	30~3°	110~30°

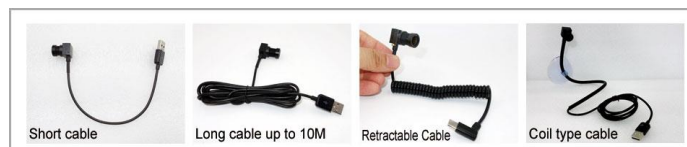
Metal shell



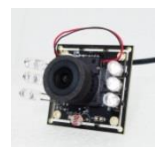
Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	UC-680
Sensor	CMOS 1/4" MP
Resolution	1280*720P@30FPS
Output	USB2.0,USB-A / TYPE-C / Micro USB
FOV	40~70° optional
Focus	Manual / fixed
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Light	LED
Dimension	Shell Φ8.2mm*L45mm
Length of cable	10cm~5M,
Power	5V / 90mA
Material	Metal camera with plastic lens
System	WIN7/8/10/Android/Apple Mac/Linux
Temperature	-10~+70°C

Features

- Small tube size Φ8.2mm,
- LED light,
- Different wires and interfaces can be customized.
- Waterproof head.

Application Example

- Industrial endoscopic monitoring
- Vehicle repair endoscopic inspection
- Endoscopy of the pipeline

Interface options



Cable options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	AC-501
Sensor	CMOS 1/3" 2MP AHD
Resolution	1920*1080P@30FPS
Output	Analog video signal, RCA / BNC
FOV	3°~210° optional
Focus	Manual
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Microphone	With Microphone
Dimension	Holder: 15*15mm
Length of cable	20cm~2M, standard 0.5M
Power	12V / 90mA
Material	Plastic camera with metal lens
Temperature	-10~+60°C






Features

- Super small size 15mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.

Application Example

- Live video, Video chat
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Starlight lens
Appearance						
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	110~30°

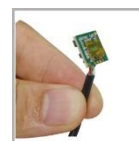
Interface options

Custom-made



RCA+DC

BNC+DC



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	AC-505
Sensor	CMOS 1/3" 2MP AHD
Resolution	1920*1080P@30FPS
Output	Analog video signal, RCA / BNC
FOV	3°~210° optional
Focus	Manual
White balance	Auto
Microphone	With Microphone
Dimension	Holder: Φ 19mm
Length of cable	20cm~2M, standard 0.5M
Power	12V / 90mA
Material	Metal camera with metal lens
Temperature	-10~+60°C

Features

- Super small size Φ 19mm while HD video,
- Different lens and FOV can be customized,
- Different wires and interfaces can be customized.

Application Example

- Live video, Video chat
- It can be built into the device, such as ATM, scale, smart terminal, robot, etc.
- For CCTV

Lens options

	Distortionless lens	Wide angle lens	Panoramic lens	Telephoto lens	Pinhole lens	Starlight lens
Appearance						
EFL(mm)	3.6/4/6/8/12/16	2.1/2.5/2.8	1.0/1.56/1.7/1.8	15/20/22/25/30 /35/45/50/70	2.1/2.5/2.8/3.7/4.3/ 5/6/7/8/10/12	2.8/4/6/8/12
FOV	90~30°	160~100°	210~170°	30~3°	140~25°	110~30°

Interface options



Custom-made



Support custom designed PCB shape and size, camera housing and cable and interface.

Specification

Mini Camera:



Model No.	AC-655
Sensor	CMOS 1/4" MP
Resolution	1280*720P@30FPS
Output	Analog video signal, RCA / BNC
FOV	60~90° optional
Focus	Manual / fixed
Photo Format	MJPEG
Video Output	MJPEG/YUY2
White balance	Auto
Light	LED
Dimension	Shell Φ 5.5mm
Length of cable	30cm~2M, standard 0.5M
Power	12V / 90mA
Material	Metal camera with plastic lens
Temperature	-10~+70°C

Features

- Small tube size Φ 5.5mm,
- LED light,
- Different wires and interfaces can be customized.
- Waterproof head.

Application Example

- Industrial endoscopic monitoring
- Vehicle repair endoscopic inspection
- Endoscopy of the pipeline

Interface options



RCA+DC



BNC+DC