

Single-channel BSD camera

C46

Specification (V 1.0)



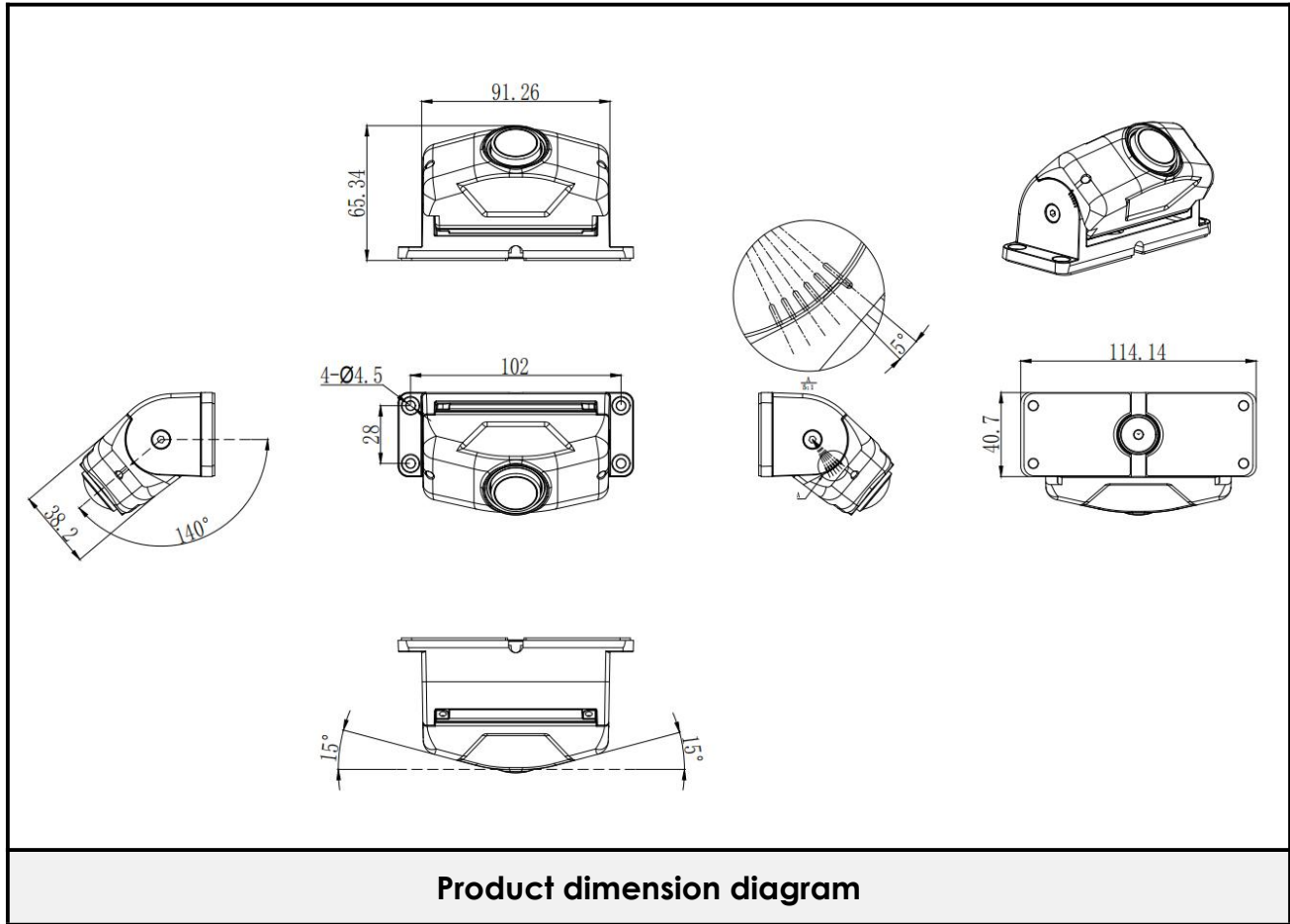
- BSD alarm, achieving active safety
- Support pedestrian detection, roadside recognition, and pedestrian motion trend prediction
- Intelligent black light full-color night vision
- High definition 1080P, horizontal 175° wide angle
- AHD PAL/NTSC video output can be set, supporting external displays
- IPC video output, supporting external MDVR and calibration
- Supports GPS, vehicle speed, and turn signal inputs
- Single model suitable for different installation positions
- Meets the seismic structural design of vehicles, with a protection level of up to IP69K

Specification parameters

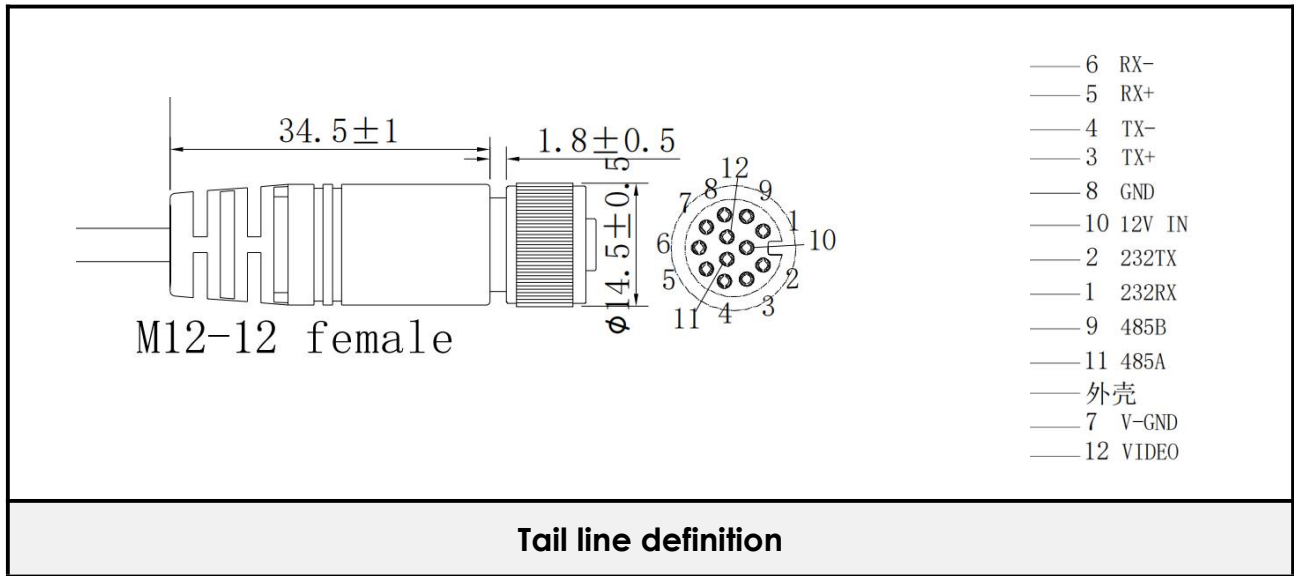
Name	Parameter
Product Model	C46
Sensor	1/2.8" 2.0MP CMOS
Resolution	1920(H)x1080(V)
Minimum Illumination	0.01Lux
Algorithm Illuminance	≥0.5Lux
Electronic Shutter	1/30s-1/10000s
Black-light Compensation	Support
Signal-to-noise ratio (S/N)	≥42dB
Fill Light	N/A
Lens	Focal length 1.9mm, Aperture F1.9
FOV	HFOV: 175° VFOV: 92°
Analog video output	RS765-4 aviation female connector (By converting lines) Adjustable support: AHD: PAL 1080P/720P@25FPS、NTSC 1080P/720P@30FPS
Digital video output	IPC, RS765-6 aviation female connector (By converting lines)
Video coding	Support H.264
Compressed output bitrate	512Kbps-8Mbps
Image Resolution	Main Stream:1080P @ 30fps Sub Stream:VGA/D1/CIF @ 10FPS default VGA 10FPS Net Transmission Stream: Dynamic (Adjustable)
Day night conversion mode	Not supported, only in daily mode
Coding	Support CBR/VBR, Default VBR
Audio Compression Standard	N/A

UART	RS232*1、RS485*1
Network Port	10M/100M Adaptive Ethernet Port
Network Protocol	TCP/IP、HTTP、DHCP、NTP、FTP、RTSP
N9M	Support
Client Preview	Built-in WEB Server and Support IE Browser, HTML5
Simple calibration	Support
Adjustable Angle	Adjustable Angle in Vertical Direction: 25~50 Degree, No Adjustment in Horizontal Direction
Installation Features	Installed at the Exterior Sides of the Vehicle
Operation Temperature	-40℃- +70℃
Operation Humidity	≤90% (No condensation)
Power Supply	PON (DC9-16V) (By converting lines)
protection grade	IP69K
Power Consumption	Normal Working State <4W
Dimension(Unit in mm)	114.14mm(L)x40.7mm(W)x65.34mm(H)

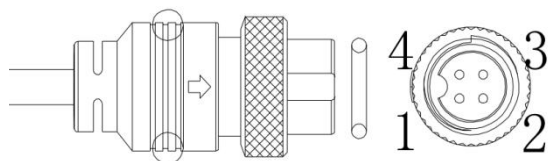
Dimensional drawings



Product dimension diagram



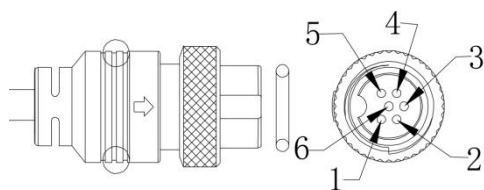
Tail line definition



RS765-4 female

- 1 12V IN
- 2 VGND
- 4 VIDEO
- 2 GND

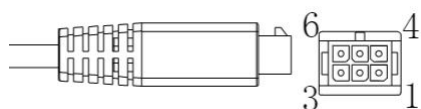
Analog video output interface (By converting lines)



RS765-6 female

- 4 RX-
- 5 RX+
- 1 TX-
- 2 TX+
- 6 GND
- 3 12V IN

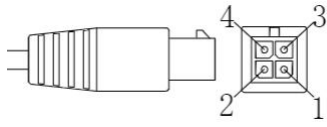
Digital video output interface (By converting lines)



small 5559-6P

- 6 +12V
- 5 485B
- 4 485A
- 3 GND

Alarm output interface (By converting lines)



small 5559-4P

- 1 +12V
- 2 232RX
- 3 232TX
- 4 GND

Signal box connection interface (By converting lines)