

TDOMECHS232A

2MP HDCVI IR EYEBALL MOBILE CAMERA



FEATURES:

- Max 30fps@1080P
- HD and SD output switchable
- 2.1mm fixed lens
- Built-in Mic
- Max. IR length 3m, Smart IR
- DC12V

Specifications:

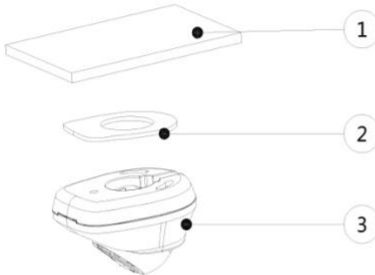
Model	TDOMECHS232A	
Camera		
Image Sensor	1/2.7" CMOS	
Effective Pixels	1920(H)×1080(V), 2MP	
Scanning System	Progressive	
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s	
Minimum Illumination	0.02Lux/F2.0, 30IRE, 0Lux IR on	
S/N Ratio	More than 65dB	
IR Distance	Up to 3m (9 feet)	
IR On/Off Control	Auto/Color/B/W	
IR LEDs	1	
Lens		
Lens Type	Fixed lens / Fixed iris	
Mount Type	Board-in	
Focal Length	2.1mm	
Max Aperture	F2.0	
Angle of View	H: 139°	
Focus Control	N/A	
Close Focus Distance	400mm (15.75")	
DORI Distance		
Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.		
	DORI Definition	Distance
Detect	25px/m (8px/ft)	35.5m(116.5ft)
Observe	63px/m (19px/ft)	14.2m(46.6ft)
Recognize	125px/m (38px/ft)	7.1m(23.3ft)
Identify	250ppm (76px/ft)	3.5m(11.5ft)

Pan / Tilt / Rotation	
Pan/Tilt/Rotation	Pan: 0° ~ 40° Tilt: 0° ~ 55° Rotation: 0° ~ 360°
Video	
Resolution	1080P (1920x1080)
Frame Rate	PAL:1920x1080@25fps, 1280x720@25/50fps; NTSC:1920x1080@30fps, 1280x720@30/60fps
Video Output	1-channel BNC HDCVI high definition video output (Aviation connector)
Day/Night	Electronic
OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
Smart IR	Auto / Manual
Certifications	
Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) EN50155 (EN50121-3-2, IEC61373)
Interface	
Audio Interface	Built-in Mic
Aviation Connector Interface	1-power 2-video ground 3-power ground 4-video
Electrical	
Power Supply	12V DC ±25%
Power Consumption	Max 1.5W (12V DC, IR on)
Environmental	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH * Start up should be done at above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH
Ingress Protection & Vandal Resistance	N/A

Construction	
Casing	Plastic
Dimensions	71.6mm×60.9mm×45.9mm (2.82"×2.4"×1.8")
Weight	0.085kg (0.187lb)

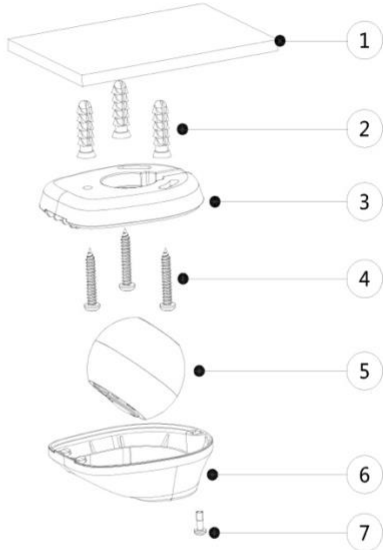
Installation

3M Double-side Tape Mounting Mode:



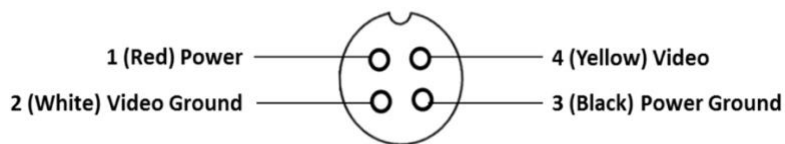
- 1 Mounting Surface
- 2 3M Double-side Tape
- 3 Unit Device

Screw Mounting Mode :



- 1 Mounting Surface
- 2 Expansion Bolt
- 3 Pedestal
- 4 Self-tapping Screw
- 5 Dome Body
- 6 Compression Cover
- 7 Cover Screw

Aviation Connector:



Dimensions:

