

DIGITAL CAMERAS SERIES

Quick Start Guide

快速入门指南

Nebula nano cam

Nebula micro cam

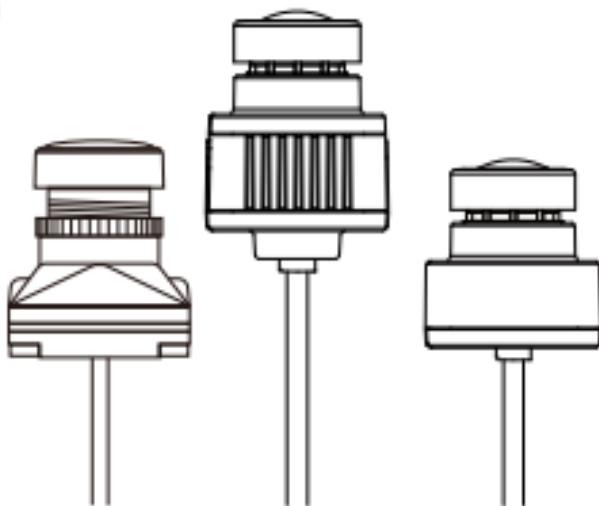
Nebula pro cam

Nebula pro nano cam

Polar nano cam

Polar cam

Dji cam



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Introduction

Caddx digital series cameras support 720P video output. Compatible with Vista and Air unit modules that can be mounted on racing drones and used with DJI FPV goggles.

Remove the back cover screws.

Install coaxial cable.

- ① Back cover
- ② Screw
- ③ Coaxial cable



Camera parameters

Model	Polar
Weight	9g
Dimensions	24×19×19mm
Image ratio	16:9
Min. Latency	720p 60fps < 32ms
Sensor	1/1.8" CMOS
	Aperture: F/1.6
	Shutter: Rolling shutter
Iso:	100-25600
FOV	162°(D);138°(H);75°(V)

Model	Polar nano
Weight	2.7g
Dimensions	15.8×14×14mm
Image ratio	16 : 9
Min.Latency	720p 60fps < 32ms
Sensor	1/1.8" CMOS Aperture: F/1.8 Shutter: Rolling shutter Iso: 100-25600
FOV	162°(D);138°(H);75°(V)
Model	Nebula pro
Weight	6 g
Dimensions	20×19×19mm
Image ratio	16 : 9/4 : 3
Min.Latency	720p 120fps < 28ms 720p 60fps < 32ms
Sensor	1/3.2" CMOS Shutter: Rolling shutter Iso: 100-25600
FOV	150° (D);122° (H) ;93° (V)
Model	DJI cam
Weight	8.2 g
Dimensions	27.4×21.1×20.1mm
Image ratio	16 : 9/4 : 3
Min.Latency	720p 120fps < 28ms 720p 60fps < 32ms
Sensor	1/3.2" CMOS Shutter: Rolling shutter Iso: 100-25600
FOV	150° (D);122° (H) ;93° (V)

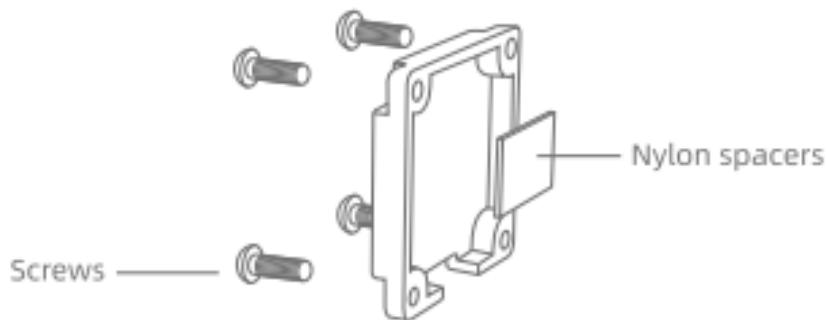
Model	Nebula nano
Weight	3.5 g
Dimensions	21×14×14mm
Image ratio	16:9
Min.Latency	720p 60fps < 32ms
Sensor	1/3.2" CMOS Shutter: Rolling shutter Iso: 100-25600
FOV	138° (D);122° (H);75° (V)
Model	Nebula micro
Weight	5.8 g
Dimensions	20×19×19mm
Image ratio	16:9
Min.Latency	720p 60fps < 32ms
Sensor	1/3.2" CMOS Shutter: Rolling shutter Iso: 100-25600
FOV	138° (D);122° (H);75° (V)
Model	Nebula pro nano
Weight	3.5g
Dimensions	16.5×16×14mm
Image ratio	16:9/4:3
Min.Latency	720p 120fps < 28ms 720p 60fps < 32ms
Sensor	1/3.2" CMOS Shutter: Rolling shutter Iso: 100-25600
FOV	150° (D);122° (H);93° (V)

Menu board

Polar camera supports menu board adjustment, this function needs self-soldering, please be CAREFUL not to damage the camera structure during welding.

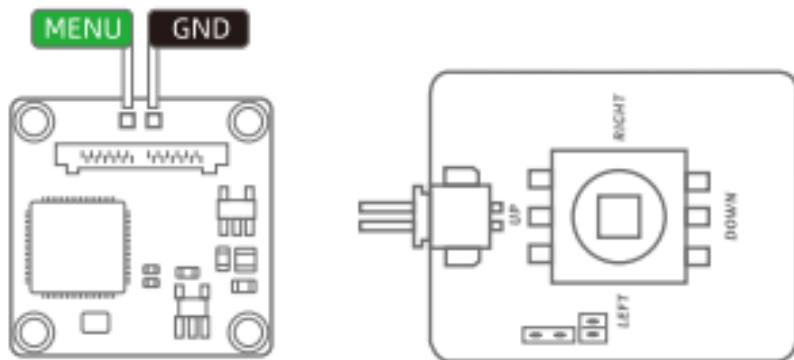
1: Remove the screws of the back cover.

Remove the nylon spacers.



2: Solder the menu wire and the gnd wire.

Install the back cover. Connect the OSD menu board.



1. Left/Right button

Control the increase or decrease of saturation.

2. Up/Down button

Control the increase or decrease of brightness.

3. Middle button

Short press to save, long press for 3 seconds to restore factory settings.

- * Menu board needs to be purchased separately

简介

Caddx 数字相机系列支持高达 720p 的视频输出，兼容 Vista 和 Air unit 模块，可安装在 FPV 无人机上并与 DJI FPV 眼镜配合使用。

卸下后盖上的螺丝
即可安装同轴线缆

- ① 后盖
- ② 螺丝
- ③ 同轴线



相机参数

型号	Polar
重量	9 g
外形尺寸	24×19×19mm
图像比例	16:9
延迟	720p 60fps < 32ms
传感器	1/1.8" CMOS
	光圈: F/1.6
	快门: 卷帘快门
	Iso: 100-25600
视场角	162°(D); 138°(H); 75°(V)

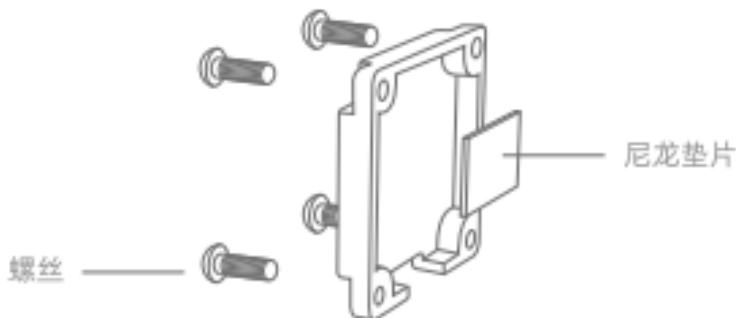
型号	Polar nano
重量	2.7g
外形尺寸	15.8×14×14mm
图像比例	16 : 9
延迟	720p 60fps < 32ms
传感器	1/1.8" CMOS 光圈: F/1.8 快门: 卷帘快门 Iso: 100-25600
视场角	162°(D);138°(H);75°(V)
型号	Nebula pro
重量	6 g
外形尺寸	20×19×19mm
图像比例	16 : 9/4 : 3
延迟	720p 120fps < 28ms 720p 60fps < 32ms
传感器	1/3.2" CMOS 快门: 卷帘快门 Iso: 100-25600
视场角	150° (D);122° (H) ;93° (V)
型号	DJI cam
重量	8.2 g
外形尺寸	27.4×21.1×20.1mm
图像比例	16 : 9/4 : 3
延迟	720p 120fps < 28ms 720p 60fps < 32ms
传感器	1/3.2" CMOS 快门: 卷帘快门 Iso: 100-25600
视场角	150° (D);122° (H) ;93° (V)

型号	Nebula nano
重量	3.5 g
外形尺寸	21×14×14mm
图像比例	16 : 9
延迟	720p 60fps < 32ms
传感器	1/3.2" CMOS 快门:卷帘快门 Iso: 100-25600
视场角	138° (D);122° (H) ;75° (V)
型号	Nebula micro
重量	5.8 g
外形尺寸	20×19×19mm
图像比例	16 : 9
延迟	720p 60fps < 32ms
传感器	1/3.2" CMOS 快门: 卷帘快门 Iso: 100-25600
视场角	138° (D);122° (H) ;75° (V)
型号	Nebula pro nano
重量	3.5g
外形尺寸	16.5×16×14mm
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传感器	1/3.2" CMOS 快门: 卷帘快门 Iso: 100-25600
视场角	150° (D);122° (H) ;93° (V)

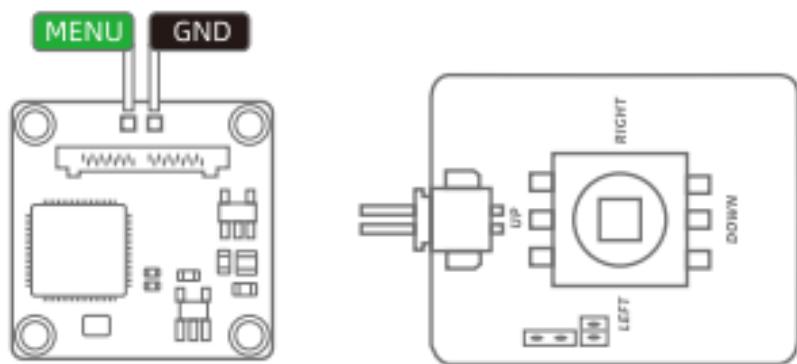
菜单板

polar相机支持菜单板调节，此功能需要自行焊接，焊接与拆解有风险，请知悉

1：卸下后盖螺丝 - 取下尼龙垫片



2：焊接menu与gnd线 - 安装后盖
- 连接OSD菜单板进行设置



1. 左/右 按键

控制饱和度的增加或减少。

2. 上/下 按键

控制亮度的增加或减少。

3. 中间 按键

短按可保存，长按3秒可恢复出厂设置。

* 菜单板需要单独购买

Support
技术支持

Contact:Support@caddxfpv.com



Caddxfpv official website

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