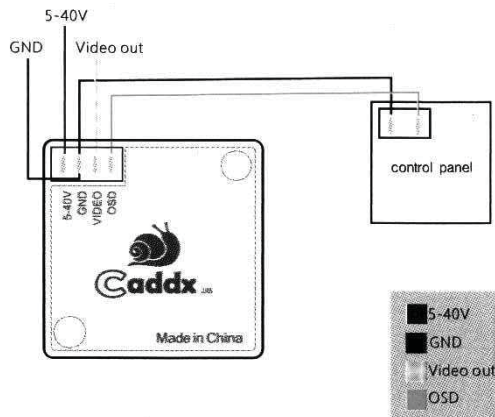


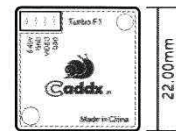
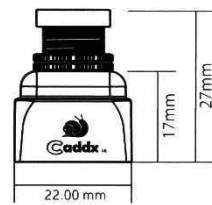
Connection

*Disconnect the 5D-OSD menu panel after OSD setting.

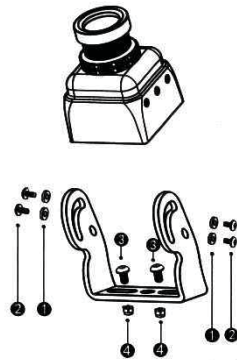


Dimensions & Installation

Turbo F1

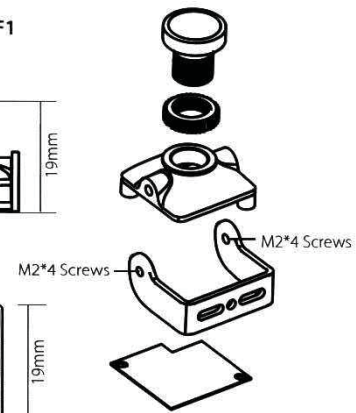
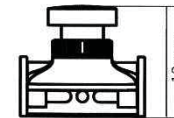


- 1 Nylon Gaskets
- 2 M2*4 Screws
- 3 M3*8 Screws
- 4 M3 Non-slip Nuts



Dimensions & Installation

Turbo Micro F1



Camera Menu

Main Menu

MAIN MENU

AE ↕
 WB ↕
 DAY - NIGHT ↕
 VIDEO SETTING ↕
 LANGUAGE <ENGLISH> ↕
 RESET ↕
 SAVE - EXIT ↕
 EXIT ↕

AUTO EXPOSURE

EXPOSURE

BRIGHTNESS <12>
 EXPOSURE MODE <BLC>
 LV <0>
 GAIN <3>
 RETURN ↕

LANGUAGE (ENGLISH/中文)

BRIGHTNESS (1-20)
 EXPOSURE MODE (GLOBE/ FLC/
 BLC/ CENTER)
 LV (0-7)
 GAIN (1-8)

Camera Menu

WHITE BALANCE

WB

MODE <MWB>
 RGAIN <7>
 BGAIN <12>
 RETURN ↕

MODE (ATW/ MWB)
 RGAIN (1-16)
 BGAIN (1-16)

DAY - NIGHT

DAY / NIGHT

MODE <EXT>
 RETURN ↕

MODE (EXT / B/W / COLOR /
 AUTO)

Camera Menu

VIDEO SETTING

VIDEO SETTING

CONTRAST <7>
 SHARPNESS <15>
 COLOR GAIN <17>
 DNR <3>
 MIRROR <DEFAULT>
 FORMAT <PAL>
 DWDR <ON>
 RETURN ↕

CONTRAST (1-50)
 SHARPNESS (1-20)
 COLOR GAIN (1-31)
 DNR (1-15)
 MIRROR (DEFAULT/ HV/ V/ H)
 FORMAT (PAL/ NTSC)
 DWDR (ON/ OFF)

Model	Turbo F1	Turbo Micro
Image Sensor	1/3" CMOS Sensor	
Horizontal Resolution	1200TVL	
TV System	NTSC/PAL changeable	
Image	16:9/4:3	
WDR	D-WDR	
Min. Illumination	0.001Lux@F1.2	
Lens	2.0mm (default) / 2.1mm / 2.3mm lens	2.1mm lens
Synchronization	Internal	
Electronic Shutter	PAL: 1/50~100,000; NTSC: 1/60~100,000	
S/N Ratio	>52dB (AGC OFF)	
Video Output	CVBS	
Auto Gain Control	YES	
BLC	YES	
Camera OSD	YES	
DNR	2 DNR	
LANGUAGE	ENG/CHN	
Image Flip	Support	
Day/Night	Auto/Color/B&W	
Dimensions	22mm*22mm*27mm	19mm*19mm*19mm
Wide Power Input	DC 4.5-40V	
Work Temperature	-20°C ~ +60°C	
Work Humidity	20%~80%	
Weight	12.5g (N.W.)	5.5g (N.W.)