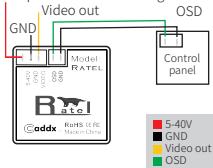


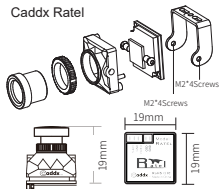
## Connection

\*Disconnect the 5D-OSD menu  
5-40V panel after OSD setting.



## Dimensions&Installation

### Caddx Ratel



Model	Caddx Ratel
Image Sensor	1/1.8" Inch starlight HDR sensor
Horizontal Resolution	1200TVL
TV System	NTSC & PAL (changeable)
IMAGE	16:9 & 4:3 (changeable)
WDR	Super WDR (HDR)
Min. Illumination	Starlight
Lens	2.1mm(Default)/1.66mm
Electronic Shutter	PAL: 1/50-100,000; NTSC: 1/60-100,000
Camera OSD	Separate OSD
LANGUAGE	ENG/France/RUS/SPA/PU /KOREA/CHN/JAPAN
Day/Night	Auto/Color/B&W/EXT
Dimensions	19mm*19mm*19mm
Wide Power Input	DC 5-40V
Weight	8g (N.W.) / 40.5g (G.W.)

Caddx<sup>us</sup> Ratel Series  
USER MANUAL



Caddx Ratel

## Camera menu

### MAIN MENU

AE  
WB  
DAY&NIGHT  
IMAGE ENHANCE  
VIDEO SETTING  
LANGUAGE  
<ENGLISH>  
RESET  
SAVE EXIT  
EXIT

### AE

BRIGHTNESS <12>  
EXPOSURE MODE  
GLOBE  
ADVANCED  
RETURN

BRIGHTNESS (0-30)  
EXPOSURE  
MODE (GLOBE/ BLC)  
BLC (1-8)

### WE

MODE  
RETURN <ATW>

MODE (ATW/MWB)  
RGAIN (0-32)  
BGAIN (0-32)

### DAY NIGHT

MODE  
RETURN <EXT>

MODE (BW/AUTO  
/COLOR/EXT)

### IMAGE ENHANCE

CONTRAST  
SHARPNESS  
COLOR GAIN  
3DNR  
RETURN <AUTO>

CONTRAST (MANUAL/ AUTO)  
VALUE (0-40)  
SHARPNESS (MANUAL/AUTO)  
VALUE (0-16)  
COLOR GAIN (MANUAL/AUTO)  
VALUE (0-30)  
3DNR (MANUAL/AUTO)  
VALUE (0-30)

### VIDEO SETTING

VIDEO STANDARD  
HD FORMAT  
IMAGE RATIO  
D-WDR  
RETURN <PAL>

VIDEO STANDARD (PAL/NTSC)  
IMAGE RATIO (4:3/16:9)  
WDR (OPEN/CLOSE)

### LANGUAGE

LANGUAGE (ENGLISH/中文/繁體  
中文/ русский /ESPAÑOL/ITALIANO/  
FRANCAIS/POLSKIM/ PORTUGUES/  
日本語)