

TOOTHLESS
MINI



TOOTHLESS
NANO

TOOTHLESS
MICRO

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

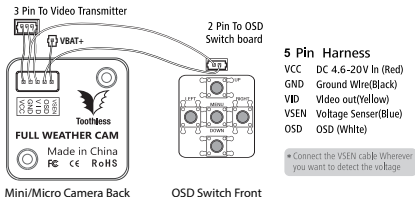


Age Recommendation: Not for children under 14 years. This is not a toy.

NOTICE: This product is only intended for use with unmanned, hobby- grade, remote-controlled vehicles and aircraft. FOXEEER disclaims all liability outside of the intended purpose and will not provide warranty service related thereto.

SUPPORT: Visit www.foxeer.com/ to get more information.

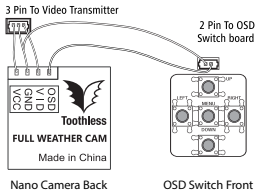
CAMERA-OSD SWITCH CONNECTION



Mini/Micro Camera Back

OSD Switch Front

CAUTION: If you are using ESC's with active braking, we recommend powering the camera system through a BEC or voltage regulator.



Nano Camera Back

OSD Switch Front

4 Pin Harness
VCC DC 3.8-16V in (Red)
GND Ground Wire(Black)
VID Video out(Yellow)
OSD OSD (White)

CAMERA-VIDEO TRANSMITTER CONNECTION

To connect the camera directly to the video transmitter, plug the 3 pin wiring harness from the video transmitter into the camera, or you can power the camera by other device, PDB, FC, Bat...

Main MENU

MENU: Push MENU(center button) to go to the main menu.

UP/DOWN: Move up and down through the menu.

Left/Right: Modify the menu parameters.

MAIN MENU	
WB	↵
DAY NIGHT	↵
IMAGE ENHANCE	↵
VIDEO SETTING	↵
SPECIAL SETTING	↵
LANGUAGE	↵ ENGLISH ↵
RESET	↵
SAVE EXIT	↵

AE

Auto Exposure.

- BRIGHTNESS:** 0~30.
- EXPOSURE MODE:**
 - GLOBE(Global)
 - FLC(Front light control): 1~8
 - BLC(Back light control): 1~8
- ADVANCED: SHUTTER CTRL/ GAIN CTRL.**

• SHUTTER CTRL:

AUTO
MANUAL: PAL(1/25~1/10000) / NTSC(1/30~1/10000)

• GAIN CTRL:

AUTO
MANUAL: ANALOG GAIN(1~16) / DIGITAL GAIN(1~15)

EXPOSURE	
▶ BRIGHTNESS	↵ 12 ↵
EXPOSURE MODE	↵ GLOBE ↵
ADVANCED	↵
RETURN	↵

AE ADVANCED	
▶ SHUTTER CTRL	↵ AUTO ↵
GAIN CTRL	↵ AUTO ↵
RETURN	↵

WB

White Balance do not suggest changing it.

MODE: ATW/ MWB.

- **MWB:**
 - RGAIN: 0~32
 - BGAIN: 0~32

WB	
▶ MODE	↵ ATW ↵
RETURN	↵

DAY NIGHT

MODE: EXT(external)/ AUTO/ COLOR/ BW(black and white).

DAY NIGHT	
▶ MODE	↵ EXT ↵
RETURN	↵

IMAGE ENHANCE

CONTRAST: AUTO/MANUAL(0~40)

SHARPNESS: AUTO/MANUAL(0~16)

COLOR GAIN: AUTO/MANUAL(0~30)

3DNR: AUTO/MANUAL(0~30)

IMAGE ENHANCE	
▶ CONTRAST	↵ AUTO ↵
SHARPNESS	↵ AUTO ↵
COLOR GAIN	↵ AUTO ↵
3DNR	↵ AUTO ↵
RETURN	↵

VIDEO SETTING

VIDEO STANDARD: PAL/NTSC

D-WDR: OPEN/CLOSE

VIDEO SETTING	
▶ VIDEO STANDARD	↵ PAL ↵
HD FORMAT	↵ CVBS ↵
D-WDR	↵ OPEN ↵
RETURN	↵

SPECIAL SETTING

VIDEO SCALE: 4:3 WIDE/ 4:3 NARROW /16:9

NAME: OPEN/CLOSE

VOLTAGE: OPEN/CLOSE

TIMER: OPEN/CLOSE

PTZ MENU	
▶ VIDEO SCALE	↵ 4:3 WIDE ↵
NAME	↵ OPEN ↵
VOLTAGE	↵ OPEN ↵
TIMER	↵ OPEN ↵
IMAGE STYLE	↵ SUNSET ↵
RETURN	↵

LANGUAGE

LANGUAGE: ENGLISH / 中文 / PYCCKNN / ESPANOL / ITALIANO / FRANCAIS / POLSKIM / PORTUGUES / 日本語 / EAAHNIKA

RESET

RESET: Return to camera's initial setting.