



RunCam Micro Eagle Remote Control Version User Manual

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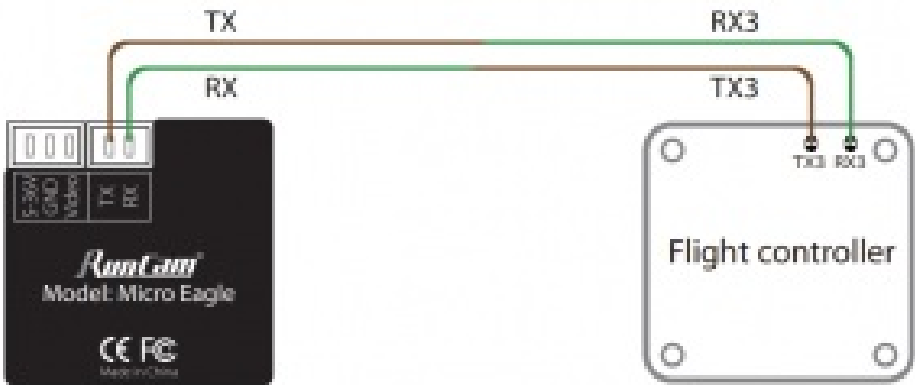
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1.Flight controller wiring

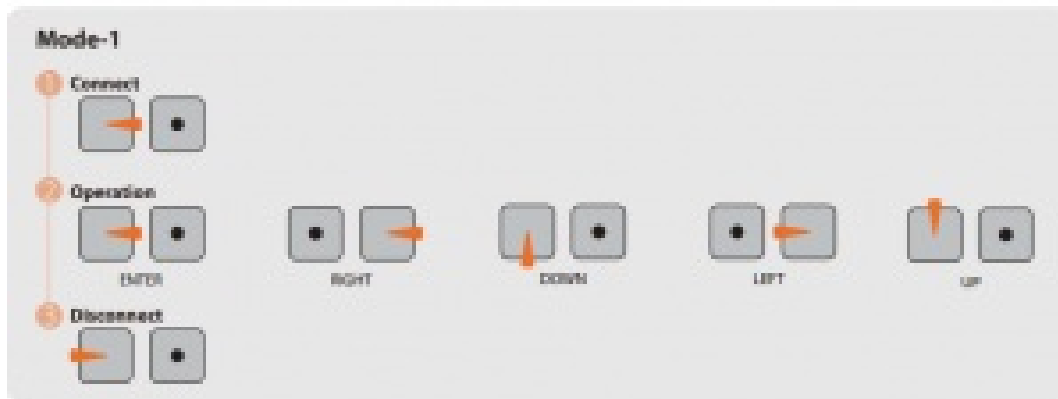
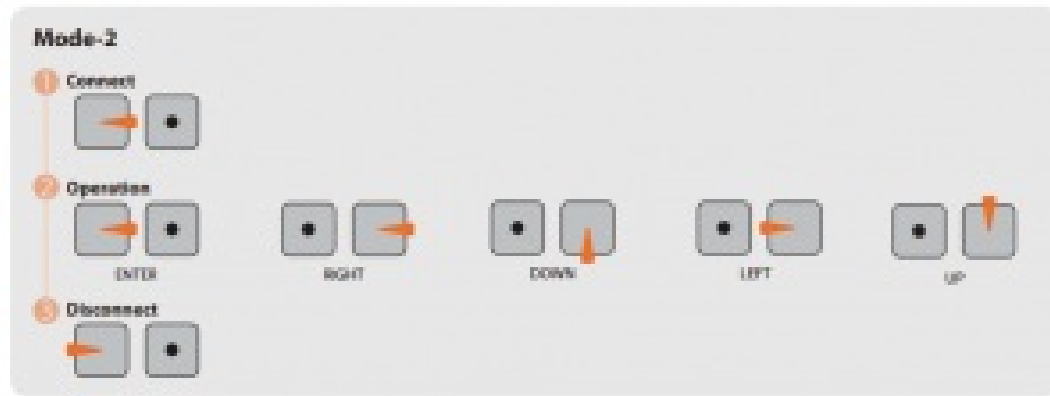
Note: Take UART3 for example



2.Betaflight 3.3 or above setting

Identifier	Configuration/MS	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB PDP	☒ 115200	☐	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	☐ 115200	☐	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART2	☐ 115200	☒	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART3	☐ 115200	☐	Disabled AUTO	Disabled AUTO	RunCam Device AUTO
UART4	☐ 115200	☐	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART5	☐ 115200	☐	Disabled AUTO	Disabled AUTO	Disabled AUTO

3.Remote control



When connected, The buzzer on Flight Controller will beep for 3 times; When disconnected, The buzzer on Flight Controller will beep for 2 times only.

Camera Menu

MAINMENU			IMAGE	
IMAGE			MAX GAIN	7
DAY&NIGHT VIDEO STANDARD SCREEN FORMAT	Color PAL-50HZ 4-3		WDR IMAGE ENHANCE MIRROR	5 OFF
LANGUAGE	ENGLISH		FLIP	OFF
LOAD DEFAULT			BRIGHTNESS	36
SOFT VERSION			ZOOM IN	0
SAVE&EXIT			RETURN	
EXIT				

- DAY&NIGHT (Color/B&W/Auto/External)
- VIDEO STANDARD (PAL-50Hz/NTSC-60Hz)
- SCREEN FORMAT (4-3/16-9)
- LANGUAGE (English/)

- MAX GAIN (7 / 1-9)
- WDR (5 / 1-6)
- MIRROR (OFF/ON)
- FLIP (OFF/ON)
- BRIGHTNESS (36 / 8-250)

- ZOOM IN (0 / 0-5)

Camera Menu

IMAGE ENHANCE

SHARPNESS 

SATURATION 

RETURN 

IMAGE ENHANCE

DETAIL MANUAL
VALUE 6

EDGE MANUAL
VALUE 6

RETURN 

- SHARPNESS (DETAIL / EDGE)
- SATURATION (AUTO/MANUAL: 0-15)
- DETAIL (MANUAL: 0-15 / AUTO)
- EDGE (MANUAL: 0-15 / AUTO)

Parameters

Model	RunCam Micro Eagle	
Image Sensor	1/1.8" CMOS Sensor	
Horizontal Resolution	800TVL	
FOV	FOV 170 @ 16:9	FOV 140 @ 4:3
Screen Format	16:9 / 4:3 Switchable on OSD menu	

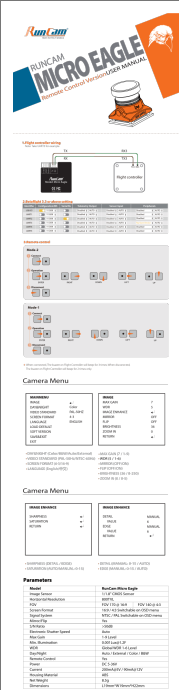
Signal System	NTSC / PAL Switchable on OSD menu
Mirror/Flip	Yes
S/N Ratio	>50dB
Electronic Shutter Speed	Auto
Max Gain	1-9 Level
Min. Illumination	<u>0.001Lux@1.2F</u>
WDR	Global WDR 1-6 Level
Day/Night	Auto / External / Color / B&W
Remote Control	Yes
Power	DC 5-36V
Current	200mA@5V / 90mA@12V
Housing Material	ABS
Net Weight	8.5g

Dimensions

L19mm*W19mm*H22mm

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