

FPV Camera



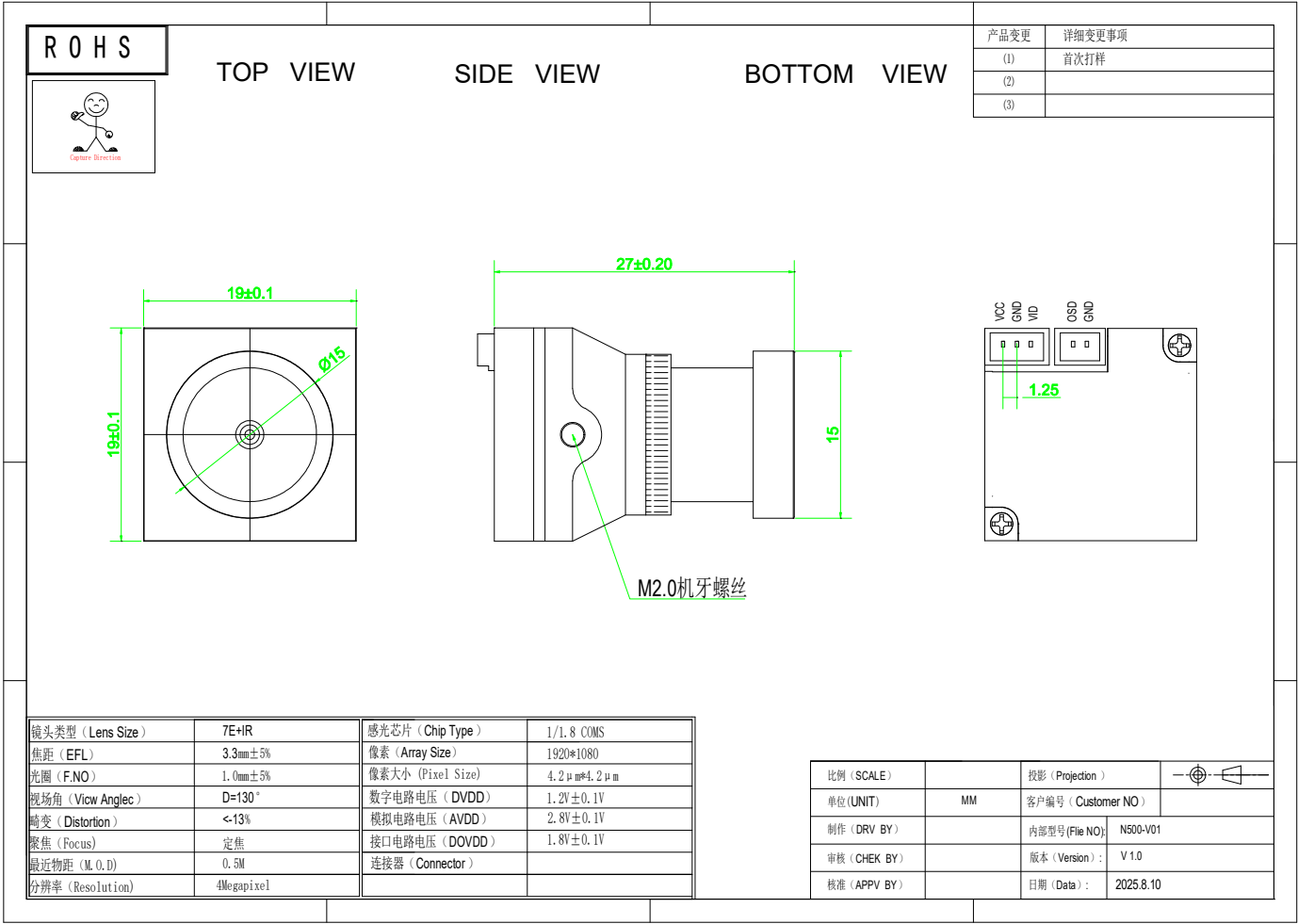
一、Product Advantages

- 1、Low power consumption, low heat: This product uses a low-power ISP, so the overall module consumes less power and generates less heat, which can extend battery life and the overall lifespan of the module.
- 2、Image quality: sharp and detailed, good night vision, low latency
- 3、Wide voltage feature: This product works normally with 4V-28V, supports low voltage operation, and is more suitable for battery-powered scenarios.

二、Technical Specs

项目 (Items)	参数 (Parameters)
Sensor Type	1/1.8 " Inch Sensor
screen ratio	4:3 / 16:9 Switchable
standard	PAL/NTSC Switchable
Resolution	1500TVL
Angle	D=130°
Video Output	CVBS
Electronic shutter	PAL:1/50~100,000; NTSC:1/60~100,000
Low light	0.000001Lux
Sharpness	Adjustable
exposure	Electronic shutter / Auto gain / Frame accumulation / Adjustable brightness
White balance	Manual Mode / Auto Mode
Noise reduction	Adjustable levels
Wide dynamic range	Super WDR(HDR)
Switching between day and night	External/Automatic/Color/Black & White
OSD Display	支持
Input voltage	4V-28V
Current	115mA±15%@DC5V
Language	Simplified Chinese/Traditional Chinese/English/and other languages
Working temperature	-20°C _ +70°C
Working humidity	20_80%
Size	19mm*19mm
Weight	9.5g

三：Size and Appearance



四：Interface Definition

1.25 3PIN socket		
Interface	Definition	Instructions
VCC	4-28V Input	Connect to an external power source to power the camera
GND	power ground	External connection to ground
VID	Video Output	Video output, connect to the camera's video input

1.25 2PIN socket		
Interface	Definition	Instructions
OSD	Key positive electrode	External button control board positive
GND	Key negative	External button control board negative terminal