

QLY Pro1 Product Specification

1. Product Overview

The Q L Y pro1 camera is a compact and lightweight device designed for FPV drones, delivering high-definition, low-latency video.

II. Functional Features

1. Excellent night vision with high performance under low illumination
2. Low latency: 18 ± 5 milliseconds
3. Ultra-wide input voltage range of 5-30V
4. Equipped with WDR technology, it maintains peripheral visibility even in complex backlit environments, with a dynamic range of up to 120dB.

III. Technical Specifications

QLY pro1	
Sensor	1/2.4 CMOS Sensor
Horizontal resolution	1500TVL
Pixel size	3.2 μm
Image aspect ratio	16:9
Video format	CVBS/PAL
Field of view angle	FOV135 ° ; H=105 ° V=60 °
Auto	Auto
Low illumination	F1.0/0.0001Lux
White balance	Auto
Working voltage	5V-30V
Noise reduction	3D
Day and night	COLOR
Menu	NO
Operating temperature	-25°C~75°C
External dimensions	19mm*19mm
Operating current	60mA@12V

IV. Interface Description

Pin definition:

1	POWER	DC 5~30V
2	GND	GND
3	CVBS	CVBS video signal
4	GND	GND
5	KEY	OSD

V. Module Structure Dimensions

Description: 26.8mm×19mm×19mm

