




FPV camera featuring a Sony 1/3" CMOS sensor with 1800 TVL resolution and 3.75µm pixel size. Provides analog video output with 0.01 lux sensitivity in color mode. Equipped with a 2.8mm focal length lens offering 100° horizontal and 70° vertical field of view. Includes automatic exposure, automatic white balance, and 3D noise reduction processing. Operates on 5-40V input voltage with 130mA power consumption at 12V. Measures 29.7 x 19 x 19mm and weighs 9g. Functions within -20°C to +40°C operating temperature range and 20-95% relative humidity.

Product details	
Model	P6 Pro
SKU	6577
Image sensor	
Sensor	Sony 1/3" CMOS
Sensitivity	0.01 Lux
Resolution	1800 TVL
Pixel size	3.75x3.75 µm
Day/Night mode	Color
Exposure modes	Auto
White balance	Auto
Noise reduction	3D
Video output	Analog
Lens	
Focal length	2.8 mm
Horizontal view	100°
Vertical view	70°
Electrical specification	
Input voltage	5 - 40 V

Power consumption	130 mA @ 12 V
<b>Mechanical specification</b>	
Dimension	29.7x19x19 mm
Weight	9 g
<b>Operating conditions</b>	
Humidity range	20-95% RH (non-condensing)
Operating temperature	-20 - 40 °C
Storage temperature	-30 - 50 °C
<b>Common</b>	
Package contents	Video signal cable (90mm length), OSD cable (90mm length), Screws M2*4mm (2x), Screws M2*2mm (2x)
Warranty	2 years

**PIN definition**

1	POWER	DC5 - 40V	
2	GND	-	
3	CVBS	CVBS video signal	
4	OSD		
5	OSD		