


Specifications Template (Night Vision)

Picture	
Model	NV008S / NV008S-LRF
Classification	Night Vision(scope)
Sensor	
Type	
Resolution(px)	Pard 2K, 1920*1080
Pixel size(um)	2.9um
Sensitivity(lux)	0.001lux
Frame rate(fps)	30fps
Image Engine	PARD VLEA
Optics	
Objective lens	50mm F2.4 / 70mm F2.4
Optical Magnification(x)	4.5x/6.5x
Digital zoom(x)	2x
Continuous digital zoom	4.5-9x/6.5-13x
Field of view (HxV)	6.4°/ 4.6°
	3.6°/ 2.6°
	7.3°/ 5.3°
Focus range	3m-∞
Eye relief(mm)	35mm
Exit pupil(mm)	6mm
Diopter adjustment(°)	± 5D
IR Illuminator	
IR Type	VCSEL
IR power	5W
IR illuminating level	3 grade
IR distance(m)	350m
IR Wavelength(nm)	850nm/950nm
Display	
Type	OLED
Resolution(px)	1024*768
Reticle Style	6
Reticle Color	white/yellow/green
Color mode	Color/Black&white
Photo / Video	
Photo resolution(px)	-
Photo format	-
Video resolution(px)	1920*1080
Video format	MP4
Storage(GB)	TF card(128GB)

Main function	
Red dot	Yes
Mute button	Yes
PIP	Yes
LRF detection range(m)	5-1200(LRF version)
Ballistic calculator	Yes
Range unit selection	meter/yard
Gyroscope	Yes
Self-activated recording	Yes
Auto recording	Yes
Loop recording	Yes
Time stamp	Yes
Record audio	Yes
Beep sound	Yes
Exposure compensation	Yes
Interfaces	
USB Type-C	Yes
HDMI Output	Yes
Connections	
WiFi	Yes
Supported Apps	ppshow, roadcam
Power Supply	
Battery type	Lithium Ion18650
Output voltage(V)	3.7
Operating time(h,max)	8
External power supply(V)	USB Type-C
Environmental characteristic	
Degree of protection	IP67
Operating temp(°C)	-20 – 50
Recoil Power(J)	6000
Material	
Housing	
Objective lens	
Measurement	
Product dimension(L x W x H, mm)	182*71*57
N.W/pcs(with/without battery, g)	415/445
Inner box dimension(L x W x H, cm)	29.5*12*9
G.W/pcs(with/without battery, kg)	0.605
Qty/ctn(pcs)	10
Carton dimension(L x W x H, cm)	48*21*26
G.W/CTN(without battery, kg)	13.9