

Name:	Helmet Mounted Night Vision		
MODEL	NVG10		  
1	FCC/		yes
1	CE/		yes
1	RoHS/		yes
2	Optical zoom		1x
2	Digital zoom		3x
2	Objective lens diameter		17.5mm
2	Eyepiece type		rubber, no folded, manual adjust
2	Field of view		25.5° x14.5°
2	Diopter adjust		±5
2	Focal length		20mm
2	Focal adjust		manual adjust by objective lens
2	Minimum Focus Distance		250mm
2	Eyere relief		20mm
3	Exit pupil diameter		Ø7
2	lens coating		ultra wide band infrared films
2	Optic resolution		≤11"
3	Camera sensor		CMOS
3	Camera resolution		1920*1080
3	Photosensitive size		1/2"
3	Infrared light wave		850nm/940nm
3	Minimum illumination		10 ⁻⁴ LUX
3	Infrared power		1W
3	Infrared lamp illumination adjustment		3-level
4	Display screen isolution		1280*720
4	Display size/type		0.38Lcos
4	white balance		Auto
4	Image color mode		black, white, green
5	Operating temperature		-40℃ - +55℃

5	Operating humidity	0-70%
5	Storage Temperature	-50°C - +70°C
5	Working voltage	3.6V - 4.2V
5	Battery type	18650 lithium battery x1
6	Audio and video recording function	Yes(App)
6	Screen brightness adjustment function	Yes
6	Infrared lamp brightness adjustment function	Yes
6	photography/ video/ playback and delete functions	Yes(App)
6	Time set/	Yes
7	color	black
7	product size(mm)	100x78x65
7	product weight	237g
	MOQ	200

BTI-10 Technical specification

	Objective diameter	Φ 15mm
	Maganification(x)	1x 2x 4x 8x
	Detection range (meters)	More than 1000
Sensor	sensor type	Uncoldded
	Resolution (pixels)	384x288
	Metaphysical size	12μm
	Frame rate (Hz)	50
	NETD	<35mk
Optical param	Objective diameter	15mm
	Eyepiece diameter	18mm
	Electronic amplification	1x 2x 4x 8x
Display	Types of	OLED HD
	Resolution (pixels)	1024x768



Detec tion dista nce	Detection range (meters)	More than 1000
Produ ct Featu res	language	Chinese, English
	Image correction	Automatic
	Brightness adjustment	Yes
	Contrast adjustment	Yes
	Image details enhance	Yes
	Noise reduction	Yes
	Image mode	Black hot, white hot, red hot, fusion
Envir onmen tal	Protection Class	IPX6 (waterproof)
	Operating temperature, ° C	-25 - +50
Power suppl y	Input voltage (V)	3.7 - 4.2V
	Battery Type	18650 lithium battery
	Capacity (mAh)	2600
	Battery operating time (at 22° C) (unit: hours)	More than 6 hours
	External power supply, V	Micro USB (5V)
Weigh t and Dimen	House material	Aluminum alloy+ABS
	Dimensions (mm)	115*70*50mm
	Weight (g)	350g
	MOQ	200

