

PF6L

MFusion OWL II Dual Vision Binocular



Dual vision binocular, featuring its fusion of infrared and visible light, can be used day and night for target detecting, discovering, identifying and locking in addition to its light weight, smallness, low power consumption and good concealment. As the target detection is also available in harsh conditions with this device, soldiers will be even capable with their combat capability improved.

Parameter

	PF6L	
	Infrared	Visual
Detector	640×512/12μm	800×600/8μm
Recognition of human	900m	550m
Recognition of vehicle	1600m	750m
Low light level	—	< 0.002lux
Frame rate	50Hz	
FOV	11.6°×9.3°	
Vision mode	Thermal, Visual, Colorized fusion Monochrome fusion	
Diopter	-4~4	
E-zoom	1X/2X/4X	
Storage	32G	
Battery life	≥5h	
Power sources	3×18650	
Weight	≤1000g	
Dimension(mm)	176×149×61	
Protection degree	IP67	
Operating temperature	-40°C~55°C	

Parts



Button

1 Main interface: Background correction
2 On the interface of 'Restore factory defaults' in the menu: Display or conceal the menu: Time setting and SD card formatting

Main interface: Mode switch
Menu interface: Menu switch
Playback interface: File switch

Long press together

Knob



Confirm (menu)

Photo

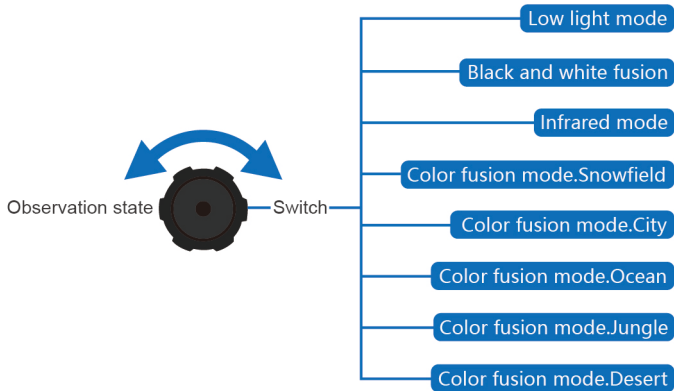
Power

Press: A) On the main interface - Open a menu
B) On the menu interface - Confirm

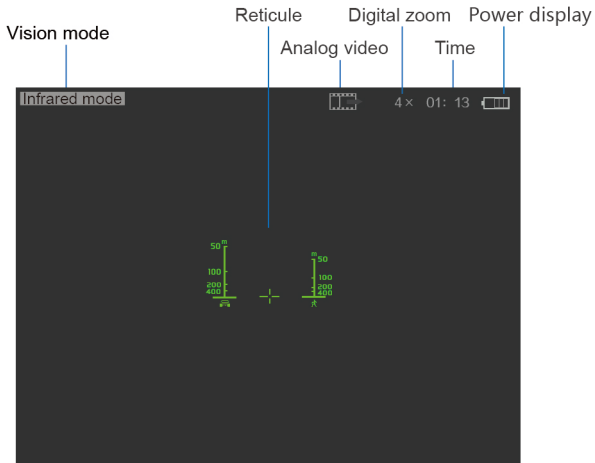
Press: A) Photo
B) End and save a video
Press and hold: Start video recording

Press and hold: Power on/off
Press: Quit the menu and return to the main interface

mode



Observation state



Menu

Image poplarity	White/Black/Red
E- zoom	1X/2X/4X
Image contrast	0%~100%
Image brightness	0%~100%
Multi-media file	
Reticle	On/Off
Target indentification	On/Off
Analog video	On/Off
OSD	On/Off
Screen brightness	A/1/2/3/4/5
Restore to default	Determine/Cancel

Analog video

Chinese/English

On the observation interface, adjust the E-zoom to X4 and enable the reticle display. In this case, press the power button to switch language.

Setting

Turn the knob to stay under the interface of "restore factory settings": confirm key + photokey (long press at the time) to display the hidden menu: "time setting" and "SD format".

Time setting

2018-04-25-14:16:27

Short press the menu key to select the time option to be modified. Rotate the knob to adjust the blue selected number. After adjustment, short press the back key to select save/cancel.

