

## Under Water Robot & Camera WLS-URE Series

### Features:

URE series camera is a full attitude underwater robot. Strong observation ability, strong thrust, multi degree of freedom, can complete forward, backward, side shift (left and right), up and down, roll and pitch. It can determine the depth, orientation and stability according to the actual situation, and has a strong mounting capacity.

**Strong resistance to current:** equipped with 8 thrusters, strong power performance, can adapt to strong current operation environment.

**Real time transmission:** 1080p HD video real-time return, which can be fixed depth, orientation and stability according to the actual situation.

**Strong expansibility:** it can expand and carry USBL, obstacle avoidance sonar, manipulator, forward-looking sonar, multi parameter water quality sensor, DVL and other functional equipment to improve the underwater operation ability of the equipment.

**All attitude robot:** it has a multi degree of freedom, which can complete forward, backward, left and right translation.



WLS-URE Specification		
Category	Title	WLS-URE150
Control Box	System	Windows
	Weight	20VDC~36VDC
	Size	502mm*400mm*171mm
	IP	IP54
	Screen	15.6
	Processor	I7, 4G+120G,
	Controller	2/4G, 4m control with handle controller
	Function Play	Video/Date/Time/Depth/Direction/Humidity/Mode,etc
	Battery	3hrs inside
	Power	220VAC
	Connection	USB/RJ45
Robot Camera	Depth	150m
	Sensor	Sony 1/2.8' CMOS, Color 0.1Lux, Black 0.05Lux
	Image Output	1920*1080 HD
	FOV	75°*50° (Under Water)
	Lens	2.8mm
	Material	Strength PVC-U & Anodized Aluminum;
	Speed	3NM/Hour
	IP	IP 67
	Cameras	Two cameras (Front and Back)
	Size	450*290*220mm
	Weight	9.5 KG
LED	Illumination	≤ 1000Lux
	Angle	120°
	Quantity	2
Sensor	Temperature	Real time water temperature measurement (Accuracy ±0.2°)
	Pressure	Accuracy ±0.2% F.S
	Humidity	Humidity of Inside Monitor
	Seal	Monitor the seal level of monitor
Others	Motivation	Horizon: 2 (3kgf/set); Vertical: 2 (4kgf/set)
	Auto Function	Depth/Direction
	Battery Inside	3 hours
	Compass	Accuracy: ±3°
Cable & Winch	Length	150m (Up to 200m optional)
	Diameter	7mm
	Weight	4.2kg/150m
	tensile strength	100KG
	Winch Weight	5KG
	Size	450*330*370mm