



Detachable Headlight & Loupes

Superb Bright
Crystal Clear
Easy Reassembly

Simple & Ingenious Design, Unprecedented Performance



High-efficiency and Low-power Circuit System



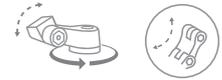
The low-power intelligent constant-current control based on SMPS technology achieves super-long operating time and maintains constant brightness without any decline caused by low battery power. The lifetime of battery and LED can be effectively increased by the auxiliary circuits of battery power monitoring, illumination adjustment and overheating protection.

Tough and Ultra-thin Functional Headband



With the ingenious and compact wireless design, the power supply wires are completely embedded into the ultra-thin headband where the high technology and aesthetics are perfectly matched. Thanks to the extra lightweight design and unique high strength headband materials, our headlight is the lightest one in the world.

User-friendly Adjustment System



With the independent flip design to the connection of the loupes and housing, plus the self-damping balancing hinge structure, the visual & illumination angle can be adjusted easily and breezily, which apply to various different surgical positions and application scenarios. User-friendly design to the PD adjustment makes low magnification binocular-synchronous adjustment fast and convenient, and high magnification monocular-independent adjustment more precise.

High Performance Professional Lighting



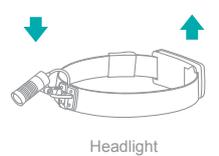
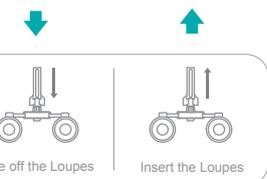
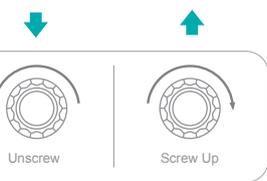
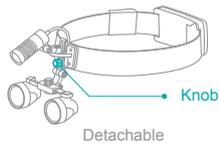
Designed by the world's leading optical experts and manufactured by German nano-scale processes, with the precise light-averaging system, the output light spot is powerful and perfectly defined. The sophisticated design significantly reduces the housing size and realizes excellent coaxial and shadow-free lighting with the minimum housing diameter in the industry.

Crystal Clear Magnified Field



The elaborately designed prism imaging system with MCVU and APO technology provides a crystal clear field in vivid detail, which can keep the user away from eye strain and in an ease and comfortable condition.

Easy Assembling



Parameters

		Model	EX-S30S	EX-S30R	EX-S30L	EX-S30XL
Loupes	Working Distance		340mm	420mm	500mm	560mm
	Field of view		75mm	80mm	90mm	100mm
	Depth of field		100mm			
	Magnification		3.0X			
	Visual-angle Adjustment		Doublestage self-damping hinge structure, free vertical adjustment.			
	PD Adjustment		Binocular synchronous adjusting mechanism, 50mm-75mm			
Headlight	Max. Illumination		50000Lux@20cm			
	Size of Light Spot		100mm@50cm			
	Power		0.2~2W			
	Color Temperature		5500~6500K			
	Brightness Control		5 Levels			
	Battery Indication		5 Levels			
	Housing Diameter		18mm			
	Illumination Angle		Vertical free adjustment			
	Battery Capacity		Rechargeable Li-ion polymer battery, 2,000mAh, 3.7V			
	Battery Life		Vary from brightness level, the longest time exceed 24hrs.			
Range of Headband			400~650mm			
Net Weight			195g (incl. battery)			