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# MILITARY TECHNOLOGY

United with



## BRINGING COMFORT TO THE MASSES



**THE BEST AND BRIGHTEST**



**MASTERING THE GLOBE**



**FROM HALO  
TO GOOD BUY**

and emergency medical systems specialist Inovytec, has opened an assembly line for ventilators from which the first shipments have already been made. Production capacity will shortly reach hundreds of systems per week: the turbine-based Ventway Sparrow Ventilator is lightweight, easy to use and provides invasive or non-invasive ventilation to children or adults. Compliant with the strictest medical standards, it is used by hospitals and emergency care centres in Israel and abroad, providing . It provides life-supporting respiratory treatment in a wide range of medical scenarios, including the Coronavirus.

Another unique solution, developed inside one week, involves sanitation of medical rooms with UVC technology. IAI engineers developed their solution following consultation with the staff of Shamir Medical Center, where it is currently undergoing evaluation. Once test results have been assessed, IAI will be able to build hands-free sanitation systems capable of disinfecting a room within 30 minutes.

Remote measurement of physiological parameters has been developed in collaboration with the Israeli MoD and the Technion, using radar, electro-optics and artificial intelligence data analysis to measure pulse, temperature, saturation and breathing rate. It is being tested now at hospitals in Israel.

*"Based upon our commitment to provide our best capabilities and people to fight the Coronavirus, IAI is partnering in dozens of other ventures that help fight the pandemic [...] Now is the time to join forces, work, and overcome the challenges!"* concluded Dr Sharon.

## New Weapon-Mounted Lights from Streamlight

Streamlight has increased the lumen output of the TL-RACKER all-in-one shotgun forend light, designed to fit on Mossberg 500/590 and Remington Model 870 pump-action shotguns. The company also introduces two additional models; one for the Mossberg 590 SHOCKWAVE and a Less Lethal Orange model for the Remington Model 870 and 870 TAC-14. All four models now deliver 1,000 lumens.

TL-RACKER is ideal for door breaching, and other tactical operations, featuring a large, ambidextrous switch pad providing easy access for both momentary and constant on functions, and accommodating virtually any hand size. The elongated switch pad allows for thumb or finger activation with no changes in grip.

*"We've increased the brightness, reach, and run time of this lightweight, integrated shotgun forend light, while also offering a new model to fit popular SHOCKWAVE shotguns, as well as a Less Lethal Orange model for easy identification,"* commented Streamlight President and Chief Executive Officer Ray Sharrah. *"Each features our innovative, ergonomic design that maximises grip and switch access, while providing extremely bright 1,000 lumen light, all at an affordable price point. It's the ideal choice for use with Mossberg and Remington shotguns."* Powered by two CR123A lithium batteries, the TL-RACKER features a customised



optic that produces a concentrated beam with optimum peripheral illumination, delivering 1,000 lumens and 20,000 candela over a 283m beam distance, with a 1.5 hour run time.

Also newly-released is the TLR-7 A with ergonomic rear switches featuring low or high positions to match users' shooting styles. The exceptionally lightweight and compact new light delivers 5,000 candela and 500 lumens over a beam distance of 140m, for a variety of tactical uses. It offers two lighting modes, LED only or LED strobe, each with a run time of 1.5 hours.

*"Our newest weapon light features ambidextrous on/off rear switches with low and high positions to suit user preference, and a rail clamp that attaches and detaches easily from the side of compact and full frame weapons [...]"* Like the original TLR-7, it is designed to maximize visibility and targeting capability in a variety of home defense and tactical applications," Sharrah observed.

Securely fitting to a broad range of weapons, the new TLR-7 A features a one-handed, 'snap-on and tighten' interface that keeps hands away from gun muzzles when attaching or detaching them. The light also includes a 'safe off' feature, locking it so it cannot be turned on accidentally. A key kit is included to securely fit the light to the broadest array of handguns of any light on the market.



The new TLR-7A showing high and low positions.  
(Photo: Streamlight)



High Switch



Low Switch