

FOR IMMEDIATE RELEASE



InfiRay Outdoor Announces the HYBRID HYL50W 90 Hz Thermal Weapon Sight

(Lewisville, Texas) iRayUSA, the United States Distributor of InfiRay Outdoor thermal optics, introduces the newest model in the HYBRID line of thermal weapon sights, the HYL50W.

First introduced as the powerful combination of a thermal weapon sight and a thermal clip-on unit, the HYBRID line-up continues to evolve with specialized models, top-performing sensors, and an advanced feature set designed for technical shooters. The combination of the HYBRID's low-distortion orthoscopic eyepiece and a 1.03-inch large-format 2560x1920 display provides comfortable viewing, a sharp image, and massive eye relief. The HYBRID also unlocks advanced features such as compatibility with a 1,000 yard laser rangefinder, a custom ballistic reticle generator, wireless remote, and an onboard ballistic solver. This year, the HYBRID family expands with the addition of a 50 mm 90 Hz model (HYL50W), optimized for smooth motion and fast moving targets.

"The increase in refresh rate in thermal optics has been a steady journey across the industry," said Pliny Gale, InfiRay Outdoor Marketing & Communications Manager. "From 9 Hz, to 25, to 50, 60, and now 90 Hz, faster refresh rates mean smoother motion and a more authentic real-time image. Just like in gaming monitors and FPV drones, a thermal viewer with a faster refresh rate feels snappier and more real-to-life and less like video playback."

Like the Hybrid 75 (HYH75W), the HYL50W is contained in a magnesium alloy body with a FDE Cerakote finish. The thermal unit includes a recoil-mitigating mount, with the ability to change mounting plates to fit other RICO series mounts (such as the AC03 RQD - a collaboration between iRayUSA and American Defense Manufacturing). Because the 90 Hz refresh rate is faster than the video rates of most social media and streaming services, online content won't provide the full experience. The best way to feel the effect of a 90 Hz sensor is to visit an iRayUSA dealer and try one out for yourself.

The HYL50W features a 50 mm germanium lens, a 384x288 sensor, and InfiRay's MATRIX III image processing algorithm. First displayed at the NRA Annual Meeting in Dallas, Texas, the HYL50W will begin shipping to dealers in June and will carry a retail price of \$3,799. Learn more about this model by visiting irayusa.com/hyl50w

About iRayUSA

iRayUSA is the United States distributor of InfiRay Outdoor thermal night vision devices. InfiRay Outdoor is the world's leading manufacturer of thermal sensors and thermal optics with over one-hundred patents and the first commercially available 1280 resolution thermal weapon sight. Established in 2020 by thermal industry experts with more than a decade of experience, iRayUSA serves as the US sales, marketing, support, and distribution headquarters for InfiRay Outdoor thermal weapon sights and thermal monoculars. With a staff of experienced night hunters, iRayUSA understands the needs of the customer and is proud to offer the best warranty and support in the thermal optics industry.

Learn more about our products at: www.irayusa.com

Dealer inquiries can be submitted at: www.irayusa.com/become-a-dealer

Warranty information can be found at: www.irayusa.com/warranty

Media Contact:

Pliny Gale, Marketing & Communications Manager

pliny@irayusa.com

###