



ACE BOLT-ACTION OPTIMIZED THERMAL OPTIC

This year, an ultra high-resolution 1280x1024 model (S60R) joins the ACE line, bringing the world's best production thermal sensor to the most versatile optic platform. The ACE is built around the idea of combining leading user-requested features in a streamlined optic that balances advanced capability with ease-of-use in the field. Designed to feel like a traditional day optic, the ACE is compatible with bolt action or semi-automatic rifles using standard 30 mm mounts and rings. The combination of an internal USB-C charging battery and a removable 18650 style rechargeable battery allows users to hot-swap batteries in the field to run indefinitely. A 1-3x ocular magnifier provides optical magnification of the 2560x2560 round AMOLED display inside the eyepiece. The Vision+ system pairs this high resolution display with a ≤ 15 mK NETD sensor for an incredibly detailed and precise image. On the S60R and H50R, the 1,300 yard capable laser rangefinder on the ACE is integrated directly into the germanium objective lens. New for 2025, non-LRF ACE models are available in 384x288 35 mm (L35) and 640x512 50 mm (H50), giving hunters a wide selection of models.



ACE S60R pictured with DLOC Precision scope mount.



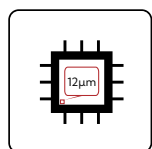
An ergonomic optical zoom system on the eyepiece (ocular lens) allows additional magnification and smooth manual zoom up to 3x. This system is independent of digital magnification and works at all magnification levels without shifting or scaling the reticle, relative to the target.



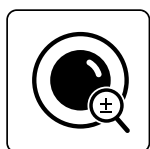
WHAT'S NEW?

We've added 384 and 640 resolution non-LRF models and the industry's first 60 mm 1280x1024 thermal weapon sight with an integrated laser rangefinder.

- A lens-integrated laser rangefinder adds rangefinding capability to the optic and better laser alignment without adding bulk.
- A 1-3x optical ocular magnifier provides additional magnification of the display without any reticle shift or digital zoom.
- High-contrast round 2560x2560 AMOLED display provides increased clarity and detail.
- Simplified controls offer improved ergonomics and a better user experience in the field.
- Uses common 18650 style rechargeable batteries.
- A ballistic calculator function displays bullet drop values based on the laser rangefinder input data and a user-customized cartridge profile.



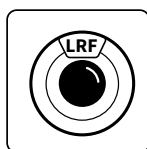
Three Sensor Options



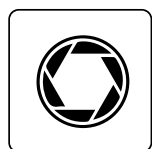
Ocular Zoom



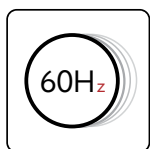
Vision + System



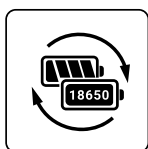
Lens-integrated LRF



Fast f/0.9 Lens



Fast Refresh Rate



Removable Battery



INVISIBLE LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT

900 nm <700 nJ
42 nsec 10 kHz

To learn more, scan the QR code or visit nocpixusa.com/ace

	NEW L35	NEW H50	H50R	NEW S60R
SENSOR				
Resolution	384×288	640×512		1280×1024
Pixel Size	12 μm			
Frame Rate	60 Hz			50 Hz
Sensor Sensitivity	≤18 mK	≤15 mK		
Image Processing	Reality+			
Core	Nocpix 384	Nocpix 640		Nocpix 1280
OPTICS				
Objective Lens	35 mm f/0.9	50 mm f/0.9		60 mm f/1.0
Native Magnification	3x			2x
Digital Zoom	4x	8x		12x
Field of View	7.5° × 5.7°	8.8° × 7.0°		14.7° × 11.7°
Detection Range	1,970 yards	2,850 yards		3,400 yards
Display Type	1.03-inch Large-format AMOLED			
Display Resolution	2560×2560			
Color Palettes	White Hot, Black Hot, Red Hot, Color, Crimson, Viridian, Violet			
Picture-in-Picture	Yes			
Rangefinder	None		Integrated 1,300 yd LRF	
Eye Relief	50 mm			
Diopter Range	-5 to +5			
ELECTRONICS				
Onboard Recording	Video and Image			
Onboard Storage	32 GB			
Wireless Connectivity	Image and Video via App.			
Data/Power Connector	USB-C			
Power Supply	USB-C External, Built-In Battery, 18650 Batteries ×2			
Max. Operating Time	7+ Hours			6+ Hours
Start Up Time	<10 Seconds, Instant from Standby			
PHYSICAL				
Size	13.78" × 3.54" × 2.44"	14.37" × 3.54" × 2.68"		15.35" × 3.54" × 2.76"
Weight	37.0 oz.	38.5 oz.	39.5 oz.	45.9 oz.
ENVIRONMENTAL & WARRANTY				
Warranty	5 Years			
Housing Material	T-6063 Aluminum			
Ingress Protection	IP67			
Operation Temperature	-4°F~122°F			