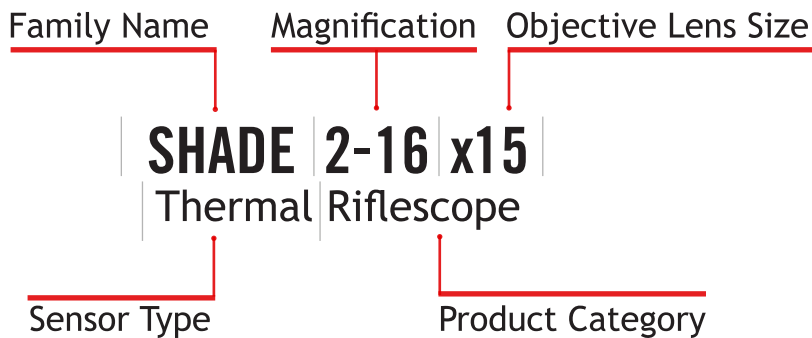


SHADE 256

Thermal Riflescopes



Naming Specifics



Screen Information



Use Case

Short to Medium Range Shooters and Hunters

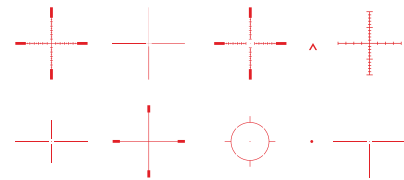
SM17004 – Shade 2-16x15 Thermal Rifle scope

- Compact size thermal rifle scope, ideal for hunters new to thermal optics.
- Designed for target shooting and predator/invasive species control at night in ranges up to 180 meters, ideal inside 120m.
- It sports 11 degrees FOV and limits tunnel-visioning.
- Ideal for any weapon platform, from high-caliber bolt actions, through AR platforms, to PCP Air guns.

SM17005 – Shade 3.5-28x30 Thermal Rifle scope

- Better optimized for identification and precise shots on any game and targets up to 270 meters, ideal inside 180.
- Compatible with all Sightmark Wraith Long mounts for bolt action rifles.
- This rifle scope best fits Semi-auto platforms and bolt action rifles with higher-recoiling centerfire calibers.

Reticle Information



Advantages

- **Display** - High-quality thermal display with multiple color palettes for enhanced contrast and identification.
- **Reticle Options** - Includes 10 different reticles with 9 color choices for customization.
- **Sensor** - 12µm 256x184 Thermal Resolution, NETD <50 mK
- **Durability** - Rugged construction designed to handle recoil and rough environments. Rated IP65 (water-resistant, but not submersible).
- **Battery Life** - 4.5 hours battery life on 2x CR123A batteries; 9+ hours on SM28004 external battery pack.

SM17004

SM17005

SHADE 256 Thermal Riflescopes

SPECIFICATIONS & FEATURES

SPECIFICATIONS	SM17004 Shade 2-16x15	SM17005 Shade 3.5-28x30
Sensor Resolution (pixels)	256x192	
Sensor Type	Thermal sensor	
Display Resolution (pixels)	1280x720	
Display Type	FLCOS LCD	
Magnification (x)	2x Optical	3.5x Optical
Digital Magnification (x)	1-8x	
Objective Lens (mm)	15	30
Pixel Pitch (µm)	12	
Spectral Range (µm)	8-14	
NEDT (mK)	< 50 mK @ 25 Hz, 300 K, F/1	< 50 mK @ 50 Hz, 300 K, F/1
Field of View (angular)	11°	6°
Built-In Video Recorder Availability	Yes	
Maximum Memory Card Supported (Gb)	256	
Power Supply (v)	6	
Battery Type	2x CR123A	
Battery Life (Hrs)	3.5 (Video) - 4.4 (Preview)	
External Power Supply	5V via USB	
Body Material	Aluminum	
Mount Type	Picatinny	
Operating Temperature	-4° to 144°F / -20° to 50°C	
Dimensions (in/mm) (length without flip up caps)	4.84 x 3 x 2.9 / 123 x 77 x 74	5.55 x 3 x 2.9 / 141 x 77 x 74
Weight (oz/g) (with battery, flip up caps, eyecup)	19.97 / 566	21.91 / 621



FEATURES

- 256x192 Thermal Resolution
- 8x Digital Zoom
- Aluminum Lightweight and Compact Construction
- Built-in Recording with Sound
- 5 Color Palettes and 10 Reticle Options
- 5 Weapon Profiles
- FLCOS LCD Display with Resolution of 1280x720