

Optics

Switzerland

SiG Sauer KILO2200 MR

Notes: This device is a digital laser rangefinder/monocular combination. The laser uses a system called a Lightwave DSP Ranging Engine with Hyperscan. It also includes a RangeLock that holds the last object or terrain feature ranged, usually for comparative purposes. It has an advanced OLED display for the viewer (it does not provide a direct view, but a small screen instead). The OLED display also includes an aiming circle with a mil ring. It also includes a LOS or Angle Modified range in addition to full ballistic holdover in Mils or MOA, so the device can be used as a spotter's scope or rangefinder. The display may provide different levels of lighting through its Lumatic Display; ten levels of brightness are available. The device has a magnesium alloy body, and the eyepiece has a binocular-style eyecup and has a diopter adjustment. The lenses include SpectraCoat, an and antireflection coating. The laser updates the distance measurements at a rate of 4 times per second until locked in. Though the optic may not have this range, the laser has a range of two kilometers. The KILO2200 MR has a lanyard ring and a vinyl, zippered coverlet. The KILO2200 MR uses two AA batteries, which last for 40 hours.

Item	Weight	Optics	Optic Range	Laser Range	Min Laser Range	Laser Response Time	Night Vision Range
KILO2200 MR	0.22 kg	7x25mm	1100	2000	0.09	0.23	NA

US

M65 Periscope

Notes: This is a combination of binoculars and a periscope, giving the ability to look over a parapet or through the window in a wall (or the ruins of a wall, for that matter) – any cover where the user may wish to use binoculars to survey the enemy but does not dare to put his head up. The M65 in this entry is now available as a collector's item and is from the early Cold War. It's primary use was by FIST teams to spot for artillery strikes from under cover. Though it went out of the US Army inventory, most examples are still in working position. (The stats below are in working condition.) The height of these periscopic binoculars is 47 centimeters. The M65 may be staked into the ground or sed with its folding tripod. Statistics which may be considered weaknesses include its heavy weight, low magnification, and narrow field of vision. An additional case for the device is available; this is of metal-lined leather. The weight stat below includes this case, which weighs 2.27 kilograms by itself, but is very good protection against the elements.

Periscopic Binoculars are generally not in use on the modern battlefield. They have been replaced by straight periscopes, which are more able to be enhanced by various thypes of visual enhancements.

Item	Weight	Magnification	Optic Range	FOV
M65	9.07 kg	10x	457	6 Degrees