

Comark Infra-Red Thermometers with Lasers - Safety

Introduction

The purpose of this product information Bulletin is to provide guidance on the use of Comark Infra-Red thermometers with Laser Sighting.

Class 2 Laser Safety Instructions

All Comark Infra-Red Thermometers that incorporate a Laser, for Target Sighting, meet the requirements of "BS EN 60825-1: 2014: - Safety of laser products: Part 1".

Extract from the Standard - "Class 2: Lasers that emit visible radiation in the wavelength range from 400nm to 700nm where eye protection is normally afforded by aversion responses, including the blink reflex."

OK, so what does this mean in practice?

Class 2 Lasers visible to the naked eye and are deemed safe for accidental, or unintentional (i.e. reflections), viewing under all operating conditions. The Safety aspect is afforded by the natural aversion response to the very bright light, by way of the normal 'Blink' reflex. This means that you do not naturally stare at the Laser as you might other bright light sources.

It does **not** mean that the Laser is safe however, because it may not be safe for a person who deliberately stares into the laser beam for longer than 0.25s, by overcoming their blink response, or if you deliberately shine the Laser into someone's eye.

Note: Always treat the Laser with extreme caution, do not deliberately stare into the Laser Light and do not point it at someone's eye as permanent damage is possible.

Enjoy Comark Infra-Red Thermometers responsibly.

End.