Aimpoint's FCS12 Fire Control System on 8.4cm CARL GUSTAF (RLC). The operator aims at the target on a direct line-of-sight, which allows both eyes open. The optical axis between the eye and the target is not broken or linked by use of prisms. The sight contains an eye safe 1550nm LRF (Laser Range Finder), a ballistic computer with the capability to store up to 50 different ballistic algorithms, and a parallax free optical channel with unlimited eye relief. The FCS12 compensates automatically for the ballistic drop of projectiles at measured distances, factoring in variables such as: rotational (spin) drift, propellant temperature and terrain angle. The system consists of two separate modules — the sight and a remote grip interface, which transmit commands to the sight via a wireless link.

The remote grip interface is designed to control the most important functions for operating the system during combat.

(Photograph: Aimpoint)