Description

The Intelligent Visual Display Unit (IVDU) is a one-person portable device of the latest Polytronic LCD model. The IVDU is designed in such a way that it can be easily removed from the range for storage and maintenance.

The firer's display uses a non-glare LCD monitor. It is fitted with a built-in sun shield to provide the best possible display in an outdoor situation. The firer's display has a power on/off control, a screen brightness control and minimal buttons to control the operation of the display via a simple menu system. It is connected to the system through a single cable and connector. For added safety the connector is self-aligning and has a separate earth contact mating before mating with other contacts. The system connection cable is long enough to allow the firer's display to be located on the left or right hand side of the firer.

The firer's display contains a function enabling the printing of the current screen display via the central printer. If the firer's display is momentarily switched off or unplugged during a practice the range computer will re-display all shots that were registered on the display up to the time of its disconnection/power loss. This process occurs automatically with no action required by the firer or range operator.

Application

The IVDU is used to provide an instant, accurate feedback of shooting performance in relation to the target. Projectiles are shown on the monitor as hits or misses in relation to a graphical representation of the target.

Related Equipment

- Lane Initiator
- Projectile Location System (LOMAH T-Bar)
- Angle Projectile Location System (LOMAH H-Bar)
- Result printer
- Range Control System

Technical Specifications

Display: VGA colour LCD display
- Toughened Plexiglas antiglare cover
- 26 cm (10.4 in.) diagonal
- Brightness via push buttons
- 800 x 600 pixels

Power: 24 VDC

Operating temperature: -15°C to +70°C

Enclosure Rating: IP 67

Dimensions: 100 x 320 x 270 mm

Weight: 7.7 kg / 17lbs