RANGE CONTROL COMPUTER

TABLET PC

FEATURES

- RUGGED STATE-OF-THE ART TABLET DESIGNED FOR MOBILE USE
- RUGGEDIZED TRANSPORT CASE
- CONTROL OF RANGE DEVICES BY TOUCHSCREEN
- ADJUSTABLE POINT, HIT & MISS SCORING PER TARGET, SHOOTER OR LANE
- PRE-CONFIGURATION OF FIRING SESSIONS AND SHOOTING SCENARIOS
- RECORDING AND PRINTING OF TRAINING RESULTS FOR AFTER-ACTION REVIEW
- SEVERAL EDITORS TO ADAPT THE SOFTWARE TO CUSTOMER'S REQUIREMENTS
- RANGE LAYOUTS CAN BE PRECONFIGURED AND LOADED ON REQUEST
- GRAPHICAL AND TABLE BASED RANGE STATUS DISPLAY
- COMMUNICATION TO RANGE DEVICES VIA CABLE OR WIRELESS

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OVERVIEW

- The Range Control Tablet is a fully computerized control system, that is used to control all types of permanent, semi-permanent and mobile targetry equipment installed on live fire training ranges.
- The Tablet PC is used as a compact handheld target control system specifically designed for military use. It is designed and built to withstand environmental and physical stresses encountered in the conduct of training including temperature extremes, drops to hard surfaces, and exposure to water and dust.
- From its multi-functional tablet hard handle, attachable full-size backlit keyboard, to a wide variety of straps and harnesses, the tablet can adapt to all your needs indoors and in the field through a variety of usage modes and an extensive selection of accessories.

POWER

- The Tablet PC is battery-powered providing up to 14 hours battery life.

COMMUNICATION

- The communication to the targets on the range can be hardwired via cable or wireless.
- For wireless RF communication, an additional radio modem can be attached to communicate with all target systems located in distances of up to 5 km (line-of-sight).

SOFTWARE

- The TACF Range Control Software installed gives a detailed oversight, supreme control well as the status monitoring of all target appliances on shooting ranges. It can address up to 1024 systems.
- Typically, it can be programmed to control Stationary Target Systems (SIT/SAT), Moving Target Systems (MIT/MAT), Overhead Retrievable Targets (ORT), 360° Rotating Targets (SRT), Automatic Scoring systems (e.g. LOMAH), Effects Simulators, Muzzle Flash & Light simulators, Thermal Image Targets and most other equipment that can be delivered for a live fire training range.
- The software displays the training area graphically and reports the number of hits for each appliance, the hits for friend or foe, the locations of miss and hit, the positions of both stationary and moving targets, and the status and errors for each appliance.
- Stationary targets can be presented and lowered, turned, presentation time can be adjusted, number of exposures and time of delay after hits can be modified. Moving targets can be moved with variable speed, stopped, lifted, and lowered. Additionally, all systems can be grouped in clusters to react jointly.
- For more information, please see Datasheet "TACF Range Control Software".

CONFIGURATION EXAMPLE

Hardware	
Screen Size:	12.5" IPS TFT LCD FHD
Screen Resolution:	1920*1080
Touch Module:	Capacitive multi-touch screen – sunlight-viewable
AC Adapter:	65W, 100-240VAC, 50 / 60Hz
Battery:	Li-Ion smart battery (11.1V, 2100mAh) x 2
Endurance:	LifeSupport™ battery swappable technology
CPU:	Intel® Core™ i5-8350U vPro™ Processor
CPU Speed:	1.7 GHz
GPU:	Intel® UHD Graphics 620
RAM:	16 GB
ROM Flash:	256 GB SSD
Communication:	10/100/1000 base-T Ethernet, Intel® Dual Band Wireless-AC 8265, 802.11ac, Bluetooth (v4.2)i
Interfaces:	Headphone out / mic-in combo x 1, DC in Jack x 1, USB 3.0 x 1, USB 3.1 Gen 1 Type-C x 1, LAN (RJ-45) x 1, HDMI x 1, MicroSD slot x 1, Docking connector x 2
Addressable systems:	1024
Accessories:	AC adapter, Digitizer, Handstrap, Display Protection Film, Battery Charger, Radio Modem (if required), Ruggedized Transport Case
Dimensions	
Size:	329.5 mm x 238 mm x 24 mm
Weight:	1,8 kg
Environmental	
Enclosure type:	IP 65
Standards:	MIL-STD 810G
Operational Temperature:	-29°C to +63°C
Storage Temperature:	-51°C to +71°C
Software	
Operating System:	Windows 10 Professional
Control Software:	TACF (Training Area Control Facility)
Note: Listed values are the standard configuration. Specifications may vary depending on customer's requirements.	