

OCELLOTT
DEFENSE



COMMAND & CONTROL TACTICAL DISPLAY

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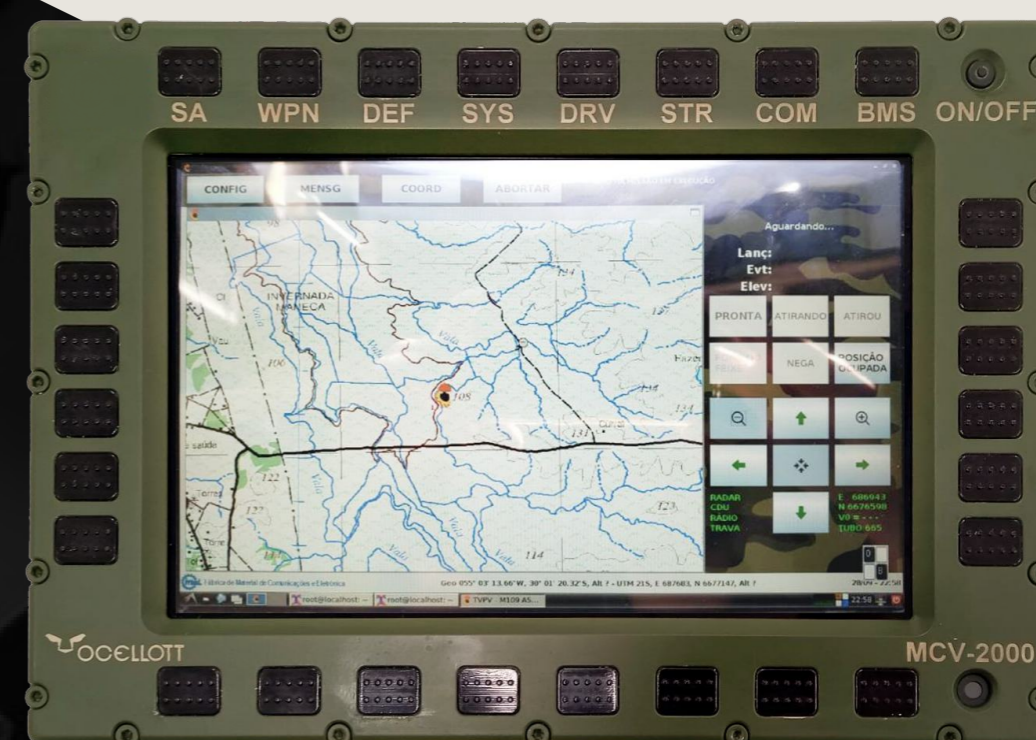
MODERNIZING ARMORED VEHICLES



MODERNIZING THE ARMY'S ARMORED VEHICLES IS A CRITICAL AND NECESSARY MISSION. THE OCELLOTT TACTICAL COMMAND AND CONTROL DISPLAY SUCCESSFULLY ACCOMPLISHES THIS TASK.

THE TACTICAL COMMAND AND CONTROL DISPLAY (MCV-2000) IS A ROBUST MULTIPURPOSE COMPUTER THAT CAN BE USED TO RUN COMMAND AND CONTROL, BATTLEFIELD MANAGEMENT OR CUSTOMIZED APPLICATIONS ACCORDING TO THE USER'S NEEDS.

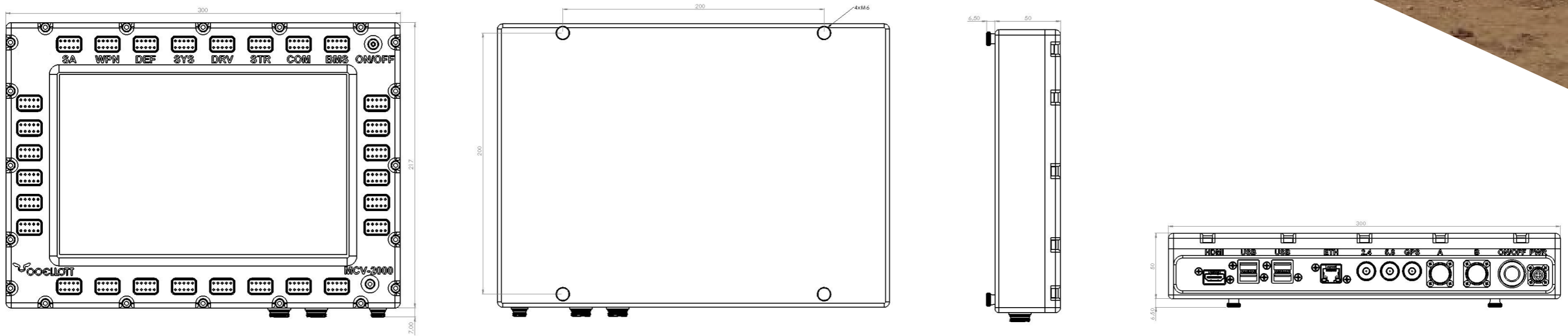
THE TACTICAL COMMAND AND CONTROL DISPLAY ALLOWS USER INTERFACE THROUGH A KEYBOARD AND TOUCHSCREEN MONITOR, WITHOUT THE NEED TO CONNECT PERIPHERALS VIA HDMI AND USB, FACILITATING FIELD OPERATION.



MODULARITY: THE TACTICAL COMMAND AND CONTROL DISPLAY CAN BE ASSOCIATED WITH OTHER MODULES FROM THE MODULAR INTEROPERABILITY CENTER (CIM-2000), EXPANDING THE LIMITS OF USE OF THE SET. IN THIS WAY, THE USER CAN COUNT ON SERVICES SUCH AS TRAFFIC ANALYSIS FOR FILTERING AND ROUTING OF LINK AND NETWORK LAYERS, VOICE OVER IP (VOIP) SERVER AND, WITH THE USE OF CUSTOMIZED SOFTWARE, IS ABLE TO INTEGRATE THE AUDIO NETWORK INTO COMMUNICATION SYSTEMS.

SPECIFICATIONS

MCV-2000



SYSTEM SPECIFICATIONS

PROCESSOR	NXP I.MX 8QUADMAX 2× CORTEX™-A72, 4× CORTEX™-A53, 2× CORTEX™-M4
CONNECTIVITY	TWO 802.11 AC 2×2 MU-MIMO WI-FI BROADBANDS AND BLUETOOTH 5
OPERATING TEMPERATURE	-30 °C UP TO +55 °C
VIDEO	2× GC7000 XSVX VIVANTE® GPU
PROTECTION DEGREE	IP67
MEMORY	4 GB
INTERFACES	2× CAN BUS UP TO 4 RS-232 PORTS UP TO 4 RS-422/RS-485 PORTS 1× GIGA ETHERNET 4 USB 2.0 PORTS 1× HDMI PORT 2× ANALOG VIDEO INPUTS (CVBS OR S-VIDEO)
EXPANSION	1× MINIPCIE OR 1× M.2 PCIE (B OR B/M)
OPERATIONAL SYSTEM	LINUX (OR CUSTOMIZABLE)
STORAGE	FLASH: 1× UP TO 64 GB EMMC

HARDWARE SPECIFICATIONS

KEYBOARD	28 CONFIGURABLE FUNCTION KEYS
DIMENSIONS	300 MM × 217 MM × 50 MM
WEIGHT	3000 G (3500 G WITH BATTERY)
EMC	DEF STAN 59-411 / MIL-STD-461
CHARGING	9-36 VDC
SCREEN	10.1" CAPACITIVE TOUCH SCREEN 1280×800, 8 BIT LVDS
ENVIRONMENTAL	DEF STAN 00-35 / MIL-STD-810
BATTERY	UP TO 3 HOURS



THIS MODULE ALSO OFFERS WI-FI CONNECTIVITY ON AN AD-HOC BASIS OR WITH A WIRELESS NETWORK INFRASTRUCTURE, BEING ABLE TO ACT AS A CLIENT OR ACCESS POINT.



THE INCLUDED HDMI PORT EVEN ALLOWS THE MODULE TO BE CONNECTED TO AN EXTERNAL SCREEN.



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