

# Multi Purpose Digital Remote Control

# MDRC

## Multi Purpose Digital Remote Control System

### The MDRC

allows versatile autonomous and remote control over Manned and Unmanned Platforms. It provides easy and intuitive interface for Drones, UAVs, Electro Optic Payloads, Remote Weapon Systems, Masts and tactical remote controlled equipment.

### The MDRC

software allows extensive situational awareness, mission planning and execution capabilities via high bandwidth connectivity, video sensors and advanced business logic.



# Application Features

# MDRC

## UGV/UAV/USV TELE-OPERATION

ENGINE / Motor control, Gear Control, Safety, Brakes

## ROUTE/WAYPOINT AUTOMATIC NAVIGATION

INS INTEGRATION, ROUTE PLANNING, ROUTE LEARNING, SAFETY POLYGON

## MAP INTERFACE

## VERSATILE COMMUNICATION

SATELLITE, 4G-LTE, RF, ACOUSTIC MODEM

## SITUATIONAL AWARENESS VIDEO & AUDIO

DAY & LWIR OBSERVATION, VIDEO MONITORING, 360° SITUATIONAL AWARENESS, PUBLIC ADDRESS AND MIC OPERATION

## REMOTE POWER MANAGEMENT

SMART ENERGY MANAGEMENT, BATTERY MONITORING

## COMMAND & CONTROL

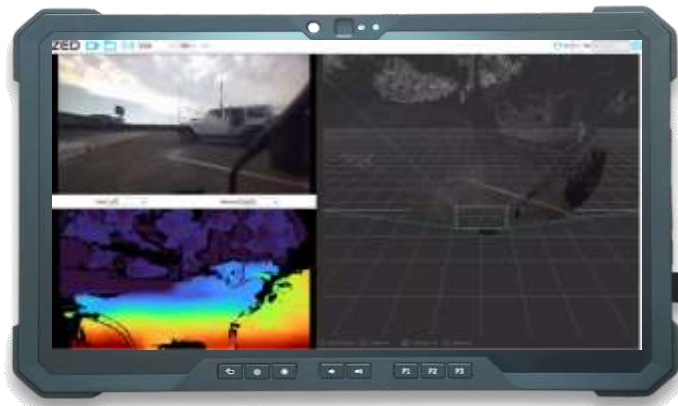
MANUAL, REMOTE, AUTONOMOUS

## FLEET MANAGEMENT

MULTIPLE CONCURRENT PLATFORMS OPERATION

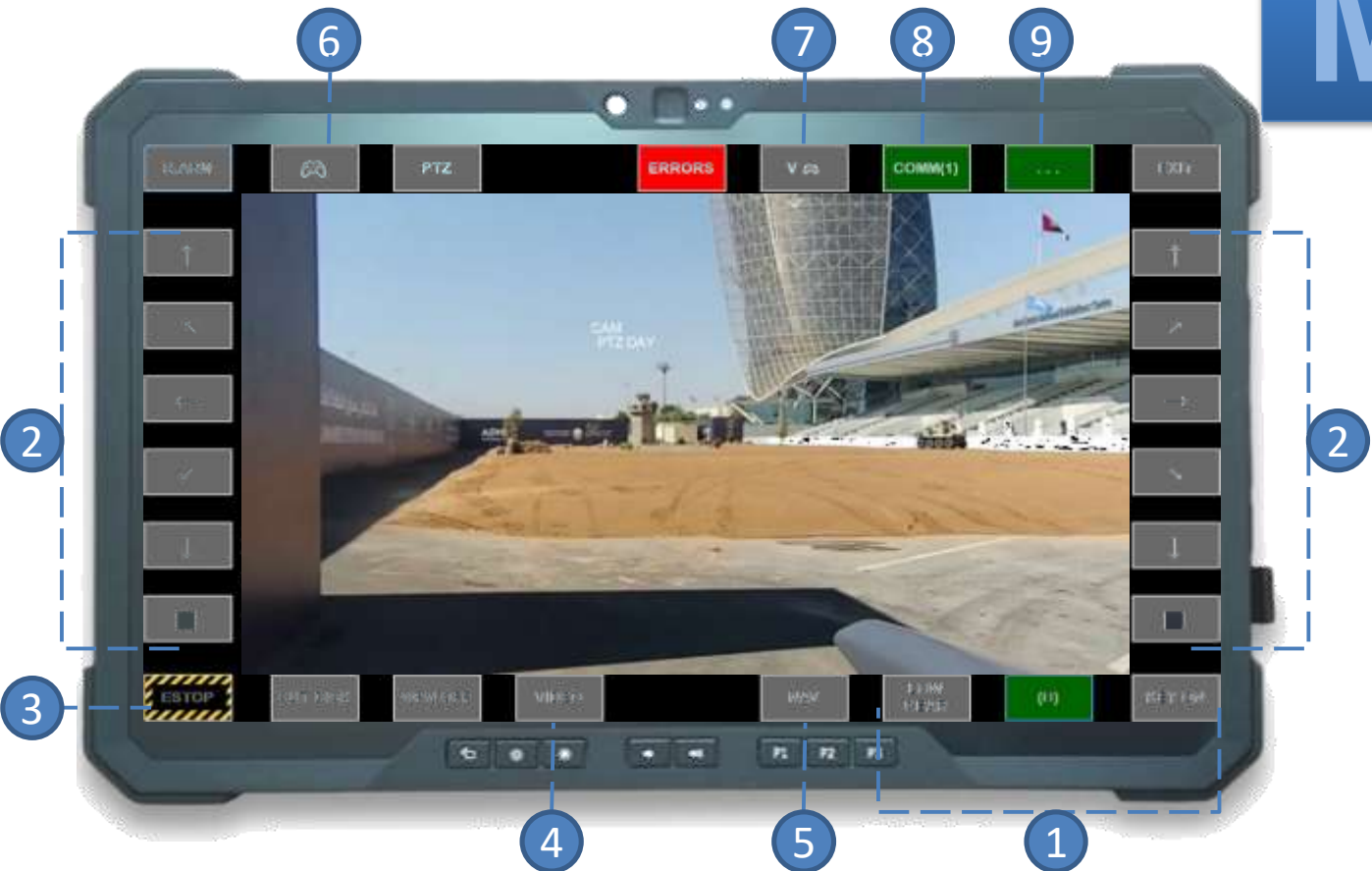
## EDGE DEVICES TELEOPERATION

ROBOTIC ARM, RCWS, PA SYSTEM, EXTERNAL MOTORS



# Application: Basic Operation Options

# MDRC



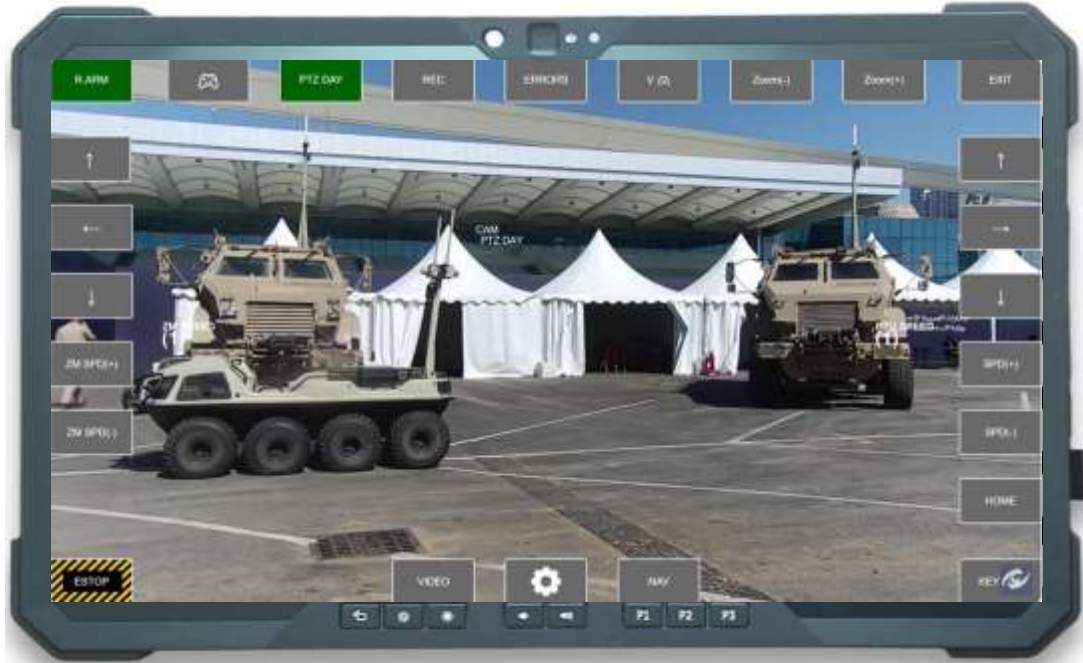
#	DESCRIPTION
1	BIT - TELEMETRY DATA DISPLAY
2	OSD - ON SCREEN DATA DISPLAY
3	ERRORS LIST
4	EXIT

#	DESCRIPTION
1	KEY SWITCH CONTROL
2	DRIVING CONTROL
3	ESTOP CONTROL
4	VIDEO CONTROL
5	NAVIGATION MENU
6	PHYSICAL JOYSTICK
7	VIRTUAL JOYSTICK
8	COMMUNICATION DATA DISPLAY
9	DATA DISPLAY CONTROL



# Application Capabilities

# MDRC



#	DESCRIPTION
1	ROBOTIC ARM MODE
2	PTZ MODE
3	WEAPON MODE

