

ADROIT® REMOTE OPERATOR CONTROL KIT (ROCK)

REMOTE CONTROL AND
POWER SOURCE FOR
ADROIT® SYSTEMS



Add an ADROIT® manipulator to any remote platform with HDT's Remote Operator Control Kit (ROCK). A self-contained applique kit that provides power and wireless control for HDT's line of manipulators, the ROCK also supports other TCP/IP payloads, without any additional logical or electrical integration. The ROCK's Operator module includes a rugged tablet for displaying video and a wireless video-game style controller for commanding the manipulator.

KEY FEATURES

- 915 MHz radio link
 - 250 ft functional range for non line of sight (NLOS) operation
 - 2,000 ft range for line of sight (LOS) operation
 - Up to 50Mbps of bandwidth
 - Support for point-to-point and mesh networks
- 10/100Base-T local network
 - Option to upgrade to 1000Base-T local network
 - Three (3) ports standard, combined data and power
 - Option for up to seven (7) ports, combined data and power
- Option to add support for serial (RS-232, RS-485, RS-422) or CAN data buses
- Powered from BB-2590 batteries
 - Seven (7) hours of operation
 - Three (3) hours of operation (typical) for an HDT Manipulator
- Option for tethered power 18-36VDC
- Fits in an operator's backpack
- Mounting kits available for common robots



Wireless control system allows easy mounting of an Adroit manipulator arm to most robot chassis.

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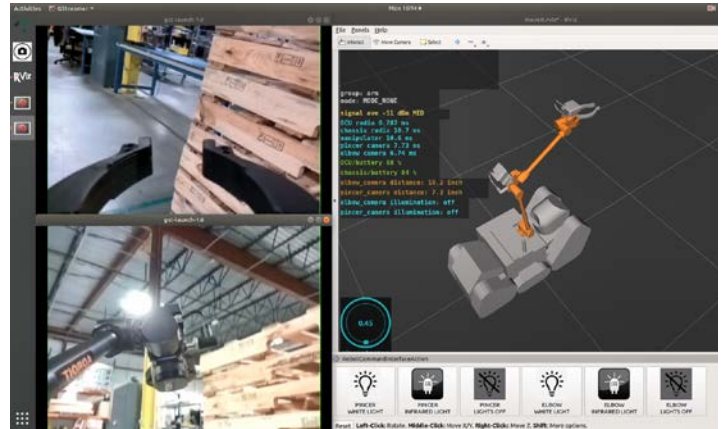
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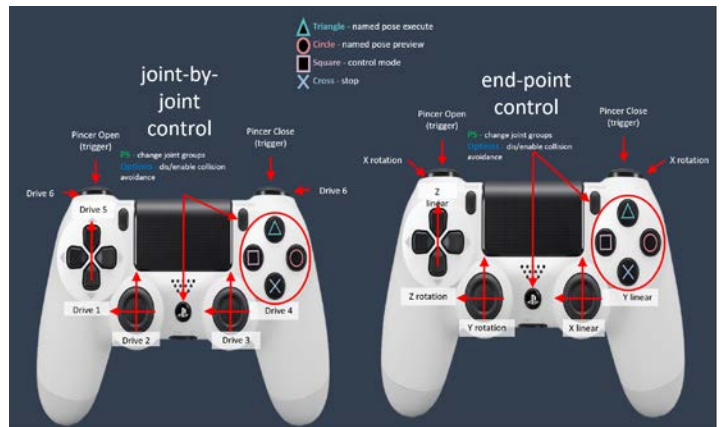
ORDERING INFORMATION

	ROCK Remote Operator Control Kit	ROCK Remote Operator Control Kit with Adroit Manipulator Arm
HDT Part Number	805-H035006	805-H035007
Dimensions (L x W x H)		
Chassis Side Module (with mounting plate, height without vertical antenna)	33.5 x 20.3 x 15 cm	Dependent on Adroit arm configuration
Operator Side Module (not including tablet and joystick)	24.6 x 17.9 x 16 cm	Dependent on Adroit arm configuration
Mass (kg) – without batteries		Dependent on Adroit arm configuration
Chassis Side Module (with mounting plate)	4 kg	Dependent on Adroit arm configuration
Operator Side Module (not including tablet and joystick)	4.3 kg	Dependent on Adroit arm configuration

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.



Multiple camera views (cameras optional), and virtual view of arm position can be displayed on the system's rugged tablet.



Intuitive end-point control via commercial controller.

HDT Expeditionary Systems, Inc.

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NON-EXPORT CONTROLLED INFORMATION
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