burt
RESEARCH

Reference Sheet

B6570
Rev AB.00

The BURT Research system is for research use only. This system is not a medical device, it is not listed or approved by the FDA, and it is not approved for use with patients.

Any other information should be requested directly from Barrett Technology LLC (support@barrett.com, 617-252-9000). Of specific use for BURT are the following sections of the BURT support page (http://support.barrett.com/wiki/Therapy)

BURT Safety Features and Cautions

Follow the safety instructions below to reduce risk of injury and equipment damage.
http://support.barrett.com/wiki/Therapy/SafetyFeaturesPrecautions

BurtSharp Control Library

BURT depends on the BurtSharp control library. BurtSharp is a client program to communicate with the Mainboard firmware through a CoAP/UDP-based server to control the BURT robot. BurtSharp provides the ability to monitor and responds to robot state information (position, configuration, fault status, etc.), basic control functions to specify robot behavior.

http://support.barrett.com/wiki/Therapy/BurtSharp

BurtSharp – Unity

BurtSharp.UnityInterface is an extension to BurtSharp that allows use with Unity:
http://support.barrett.com/wiki/Therapy/Unity

Kinematics, Transmission Ratios, and Joint Ranges

Find robot D-H parameters and frame placement below:
http://support.barrett.com/wiki/Therapy/KinematicsJointRangesConversionFactors

File Download Area

Find software installers, firmware updates and additional documentation below (requires access code:
http://web.barrett.com/support

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