

Dok-Commander®

Combination Control Package

Integrate multiple control components at each dock position for the ultimate dock safety system.



Image above shown with Lok-Vu™



Multiple controls at each dock position can be complicated and potentially dangerous



Dok-Commander® system offers simple access to controls for each dock component

Easy to Operate

Simple centralized panel integrates the controls of multiple pieces of operating equipment: including a Dok-Lok® vehicle restraint, dock leveler, dock door, dock light and Rite-Vu™ Hazard Recognition and Communication System.

Safe Sequence of Operations

Programmable to provide safe, sequential operation. Choose from Door Protection Sequence, Best Practice Sequence, Supply Chain Integrity Sequence or create a custom sequence to help optimize safety at the loading dock.

Engineered to Withstand Interior Loading Dock Environment

Designed and tested to deliver reliable performance under the harshest conditions: including electrical noise, electrical and environmental requirements and chemicals. The flexible circuitry meets changing needs with easily updatable components and add-on features.

Designed for Safety

The external disconnect supplied by others is an industry-recommended electrical best practice. This disconnects the electrical power supply from both the Dok-Commander® and the equipment for easy maintenance and service. The Dok-Commander® delivers broad compliance with national and local electrical codes.

Increased Productivity with Lok-Vu™

A single or dual outside camera view is displayed on the interior Dok-Commander® control box helping to confirm when a trailer is present and secured and/or when a trailer stand is present. Lok-Vu™ prevents the need to step outside on the busy, potentially dangerous drive approach.

Rite-Vu™ Hazard Recognition and Communication System

Interior/exterior LED Rite-Vu™ light communication system, includes Approach-Vu™, Pedestrian-Vu™, Corner-Vu™, Leveler-Vu™ and Lok-Vu™. Each component can be ordered with the Lok® or added at any time to optimize loading dock safety.

Security System Interface

Dok-Lok® vehicle restraints help physically enhance security when the control package is linked with an active building security system. If an engaged restraint is tampered with, the building security system is notified and facility protocol is followed

Opti-Vu By RITE-VU
An intuitive digital tool for data-driven decision making

More than just sensors and data, the Opti-Vu® IIoT platform monitors equipment, captures events, synchronizes vital information and facilitates data-driven behavioral and process change. *(subscription & additional hardware required)*

Specifications

General Description

The Dok Commander® integrates multiple loading dock equipment into one centralized control unit. Equipment, such as vehicle restraints, dock levelers and overhead doors, can be programmed in safe sequential order.

Sequence of Operations

Door Protection Sequence

1. Door must be opened to operate leveler.

Best Practice Sequence

1. Open overhead door and 2. verify trailer is at dock door. Once verified 3. engage Dok-Lok®. 4. Green light on inside control box will reflect safe engagement. 5. Raise leveler into operational position and proceed to 6. load and unload. Once complete, 7. Position leveler to store and 8. disengage Dok-Lok®. 9. The inside control box will now be red to reflect an unsecured trailer. 10. Close overhead door.

Supply Chain Integrity Sequence

1. Verify trailer is at dock door to 2. engage Dok-Lok®. 3. Green light on inside control box will reflect safe engagement. 4. Open overhead door and 5. raise leveler into operational position. Proceed to 6. load and unload, once completed, 7. position leveler to store. 8. Close overhead door and 9. Disengage Dok-Lok®. 10. Red light on inside control box will reflect an unsecured trailer.

Custom Sequence

1. Available through Rite-Hite® Applications

Electrical/Controls

Standard Base Control Panel Assembly: NEMA 4X Waterproof/Corrosion Resistant. Size 16H x 14W x 7D

Optional Control Panel Assembly: NEMA 4X Waterproof/Corrosion Resistant. Size 18H x 16W x 10D for any 3 Phase with Standalone Power Unit (STR/VBR6), or 15A Duplex Receptacle. Electrical components and wiring are UL listed or recognized.

Combined Leveler/Lok® Controls

- Lok Controls w/ Existing Comp. Pit Leveler Leveler Controls w/ Existing Lok® Comp. Pit Leveler Controls w/ Existing RH Lok® Lok® Controls w/ Existing Leveler
- New Controls w/ Existing Leveler and Lok®

Dock Leveler Model

- RHA4000 RHH4000 RHH5000 RHJ5000
- RHV4100/HDVHL AL900 HL900 RHE300/EOD
- Competitive Hydraulic Competitive Air

Leveler Voltage Phase

- 110-120/1/60 208-240/1/60 208-240/3/60
- 440-480/3/60 575/3/60 208-240/1/50 (Int'l)
- 380-415/3/60 (Int'l) 380-415/3/50 (Int'l)

Hydraulic Package (RHH4000 Only)

- Base Hydraulic Package Hydra-Rite Package

- Infinite Lip Control Automatic Return to Dock
- Emergency Stop Safe-T-Pit (RHV4100 Only)

Dok-Lok® Model

- GWL2300 GWC1000 MWL1300 Light Comm.
- GRH700/RHR600 SHR5000/RHR4000/RHR1000
- STR4200 VBR100 VBR300ALP VBR300MNL
- VBR300 VBR600

Warranty

Existing Dok-Lok® includes Opti-Vu® radio and standard 1 year part/labor. Standard 1 year part/labor warranty. Opti-Vu® Extended Warranty includes up to 5 year parts/labor, Opti-Vu radio, coded horn override, security system interface and self-diagnostics when purchase with restraint*. (All warranties from date of shipment are subject to standard limitations and liability*. Additional subscription required to activate Opti-Vu® data streaming platform. For extended warranty options, please consult local RH® distributor.)

- Combination Power Unit (STR4200/VBR600 Only)
- Auto-Light Package (VBR100 Only)
- Integral Rotary Disconnect

Duplex Receptacle (5 Amp)

- (NEMA 1) GFCI (NEMA 4X)

Dock Light Terminal with Selector Switch

- LED Dock Light Other Dock Light

- OHD Push Buttons: (Open, Close, Stop)

- Overhead Door Power

Overhead Door Voltage/Phase

- Matches Leveler Voltage Other Voltage/Phase

OHD Full Load Amps: _____ OHD Horsepower: _____

Rite-Vu™ Hazard Recognition and Control

Approach-Vu™ : Detects a backing trailer on the drive approach and presents a clear visual and audible warning to pedestrians.

Lok-Vu™ : Provides visual verification of restraint engagement and/or trailer stand presence via LCD monitor.

- Single Camera Dual Camera

Pedestrian-Vu™ : Detects and signals when there is activity inside of the trailer. An audible alarm sounds when an unsecured trailer is entered.

- Drive-Through RHV Pedestrian-Vu™

Interlock Options

OHD Open to Operate Leveler:

- ITL (OHD Open to Operate Leveler) switch by others
- ITL (OHD Open to Operate Leveler) limit switch by RH®
- ITL (OHD Open to Operate Leveler) Photoeye by RH®

Inside Green Light to Operate Equipment:

- ITL (GLT to Operate Leveler) Standard
- ITL (GLT to Open OHD)

Equipment Stored to Unlock Restraint:

- Existing ITL (Leveler Stored)
- ITL (Leveler Stored) switch by Rite-Hite®
- ITL (OHD Stored) switch by Rite-Hite®
- ITL (OHD Stored) switch by others
- ITL (OHD Stored) Photoeye by Rite-Hite®

Leveler Stored to Close OHD

- Existing ITL (Leveler Stored) Switch by RH®

- Dok-Guardian™ Stored to Operate Restraint

Engage Dok-Lok® (Factory Installed):

- ITC (Leveler) ITC (Photoeye)

Liftgate Stored to Unlock GWL

- Yes Existing Switch

- Lip Extended for Inside Green Light Trailer Presence

- Power Unit Enclosure (VBR300 Only) Dock Timer

» Outside Truck Driver Communication System: Flashing red or green lights and signs indicate when it is safe to back in or pull out. Signs/decal languages:
 French Canadian English (standard)
 Portuguese Spanish

Special Options

ITC Unidox/30 Second Delay:

- ITC UD/MHB 30S 1PH ITC UD/MHB 30S 3PH

- Duplex Receptacle (15 Amp) Keyed Horn Override

- Keyed Power On/Off Switch Keyed Unlock

- Maintenance Pendant Receptacle



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Please note: Unless specifically noted on quotation, all electrical, including hook-up, is the responsibility of others. Rite-Hite®, Dok-Lok®, Opti-Vu®, Dok-Guardian™, Rite-Vu™, Approach-Vu™, Pedestrian-Vu™, Corner-Vu™, Leveler-Vu™ and Lok-Vu™ are trademarks of Rite-Hite Holding Corporation. Rite-Hite products are covered by one or more U.S. patents with other U.S. and foreign patents pending. The information herein is provided as a general reference only regarding the use of the applicable products. The specifications stated here are subject to change.

Manufactured by Rite-Hite® Products Corporation and Rite-Hite® Digital Solutions

*Opti-Vu® only available in the United States