Sahara

MOTORIZATION

fashion forward

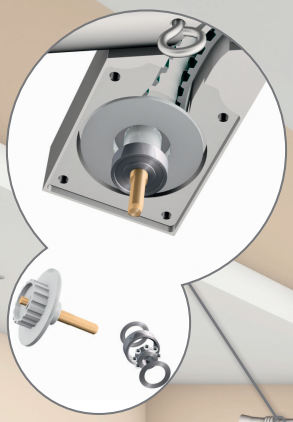


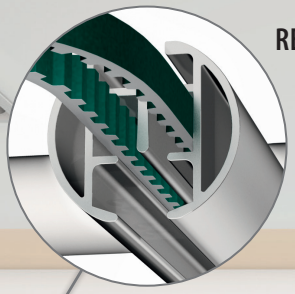
Sahara Motorization Collection

1 1/8" MOTORIZED H-RAIL SETS

WEAR-RESISTANT PULLEY HOUSING

For low wear operation the pulley housing has been equipped with high quality ball bearings.

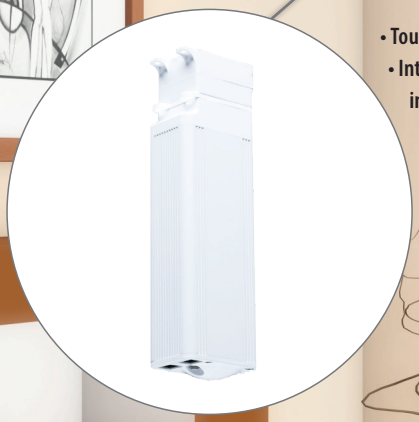




REINFORCED BELT

The Kevlar reinforced belt runs quietly and has superior longevity.

FOREST SHUTTLE MOTORS



- Touch Impulse Technology opens or closes drapes with a gentle pull.
- Integrated emergency control insures manual operation of the drapery in case of power failure.
- Choose the Forest Shuttle Eco for light weight fabrics.
- Choose the Forest Shuttle HD for strength and an economical price.
- Choose the Forest Shuttle iOn for a battery operated system.
- See comparison chart to help you choose the motor best suited to your job.
- All Forest Shuttle drapery motors come with a 10-year warranty.

REMOTE CONTROL



Easy opening and closing of draperies with the hand-held remote.



COMPLETELY CLOSED DRAPERIES USING OVERLAP MASTERS

The overlap master carrier guarantees a complete 3" overlap of the draperies. Extended arms available.

RETURN PULLEY

The return pulley is made of a special plastic and uses a bearing which creates smooth operation.

SELECT YOUR INDIVIDUAL FINIAL

Our decorative finials offer a variety of design options. See the Sahara 1 1/8" Collection Catalog.

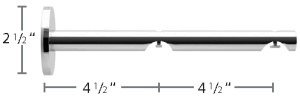
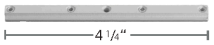
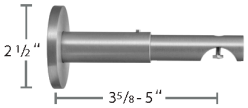
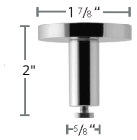
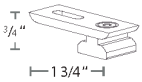
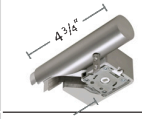
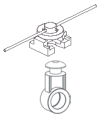
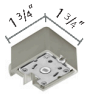
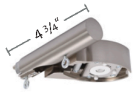
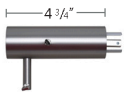
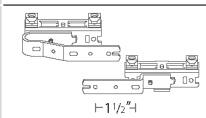
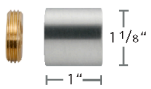
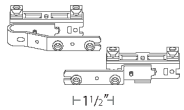
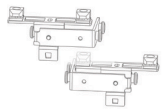
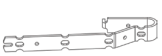
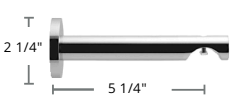
HIGH-GRADE ALUMINUM:

We supply the special 1 1/8" rails with the finishes below.

- Chrome - CH
- Pewter - PW
- Black - BL

Sahara MOTORIZATION 1 1/8" collection

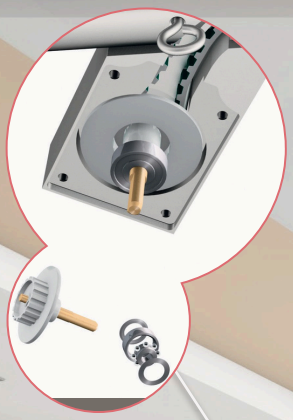
1 1/8" SAHARA MOTORIZATION COMPONENTS

COMPONENT		COMPONENT	
	**Sahara Motorizable Rod** WIM-144-PW 12' Pewter WIM-235-CH 19' 7" Chrome WIM-132-CH 11' 7" Chrome WIM-096-CH 8' Chrome WIM-235-BL 19' 7" Black WIM-142-BL 11' 7" Black WIM-096-BL 8' Black		**B11672-220-XX** Double Bracket
	**WI-16SP2-01** Rail Connector		**B11670-V-XX** Adjustable Wall Bracket
	**B11679-L-XX** **B11679-R-XX** Forest Shuttle Motor Pulley		**WI-16SP-01-XX** Ceiling Bracket
	**B11699-L-XX** **B11699-R-XX** Somfy Motor Pulley		**B11873-15-XX** Ceiling Bracket 5/8" Projection
	**B11669-L-XX** **B11669-R-XX** Lutron Motor Pulley		**WI-16C1-XX** Flush Ceiling Bracket Cannot use finials with this bracket
	**B21679-L-22,29,59** **B21679-R-22,29,59** Rollease Versa/Coulisse Motion Blinds Motor Pulley, offset		**CC2-RP60S -** 60% fullness **CC2-RP80S -** 80% fullness **CC2-RP100S -** 100% fullness **CC2-RP120S -** 120% fullness Snap carriers for ripplefold in plastic sleeve
	**B21779-L-22,29,59** **B21779-R-22,29,59** Rollease Versa/Coulisse Motion Blinds Motor Pulley, in-line		
	**B11659-L-22,29,59** **B11659-R-22,29,59** Rollease Legacy Motor Pulley		**52008-25** Slim Line Klick Carrier Draperies hang to conceal track
	**B11683-L-XX** **B11683-R-XX** Standard Return Pulley		**52009-25** Ball Bearing Carrier for motorization
	**B11683-41-XX** Short Return Pulley for one-way draw		**52508-25** Overlap R **52509-25** Underlap L Belt Master Carrier
	**B122028-XX** Inside Mount Bracket		**52508-25A** Overlap R **52509-25A** Underlap L Belt Master Carrier with snaps
	**9012-25** Transport Belt Kevlar reinforced		**52410-25** Butt Right **52409-25** Butt Left **59** black +10% Butt Master Carrier with snaps
	**52512-25** white **59** black +10% Transport Belt Connector		**2552-25** 6" Extension Arm for master Use w/ two one-way draw
	**WI-16B5-XX** Single Bracket		

Sahara MOTORIZATION 1 1/8"

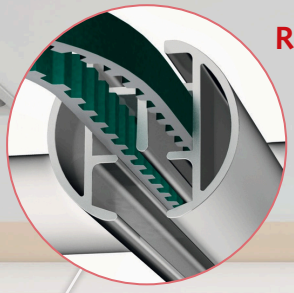
WEAR RESISTANT PULLEY HOUSING

For low wear operation the pulley housing has been equipped with high quality ball bearings.



REINFORCED BELT

The Kevlar reinforced belt runs quietly and has superior longevity.





FOREST SHUTTLE MOTORS

- Touch Impulse Technology opens or closes drapes with a gentle tug.
- Integrated emergency control insures manual operation of the drapery in case of power failure.
- Choose the Forest Shuttle Eco for lightweight fabrics.
- Choose the Forest Shuttle HD for strength and an economical price.
- All Forest Shuttle drapery motors come with a 10-year warranty.

	COMPONENT
•	**52925-25** Shuttle HD (M) **52925-59** Shuttle HD (M) black **52939-25** Shuttle Eco (S) See motor specs on pages 93-94
•	**52928-25** Power Cord, 7' 6" **52934-25** Power Cord, 16' includes 24 volt power supply
•	**52926-25** Shuttle iOn Includes battery pack. **Order charging cable below separately, 52924-59.** See motor specs on page 8
•	**52924-59** Battery Charger Charges battery included with Shuttle iOn motor above, 52926-25.
•	**52949-25** Battery Pack Additional battery pack for Shuttle iOn motor
•	**52933-25** white **59** black Forest Wall Switch 2 channel

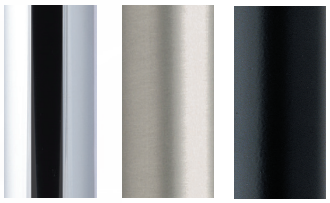
	COMPONENT
•	**52931-25D** white **59D** black Diamond Sense Remote RF, 15 channel w/ holder, range 98'
•	COMING SOON! **52960-25** white **59** black EasyTouch Remote RF 6 channel
•	**52948-25** **59** black Wi-Fi Dongle For voice and app control over wi-fi. Provides feedback (bi-directional). Use with Shuttles HD and Eco.
•	**52955-25** Bond Bridge Pro For voice and app control over RF. Easily pair using the Forest remote. Controls all of your devices in one hub.
•	52945-25 white Sidekick Gen 3 Remote Works with or without Bond Bridge Pro. 1-5 channels

Sahara MOTORIZATION 1 1/8" collection

SAHARA MOTORIZATION COLLECTION
1 1/8" MOTORIZED SETS



AVAILABLE FINISHES XX = finish color



CH Chrome
PW Pewter
BL Black

10 year WARRANTY

All Forest Shuttle motors include a 10-year warranty.

MOTOR OPTIONS



52925-25 Shuttle HD (M) white
52925-59 Shuttle HD (M) black



52923-25 Shuttle L



52939-25 Shuttle Eco (S)



52926-25 Shuttle iOn

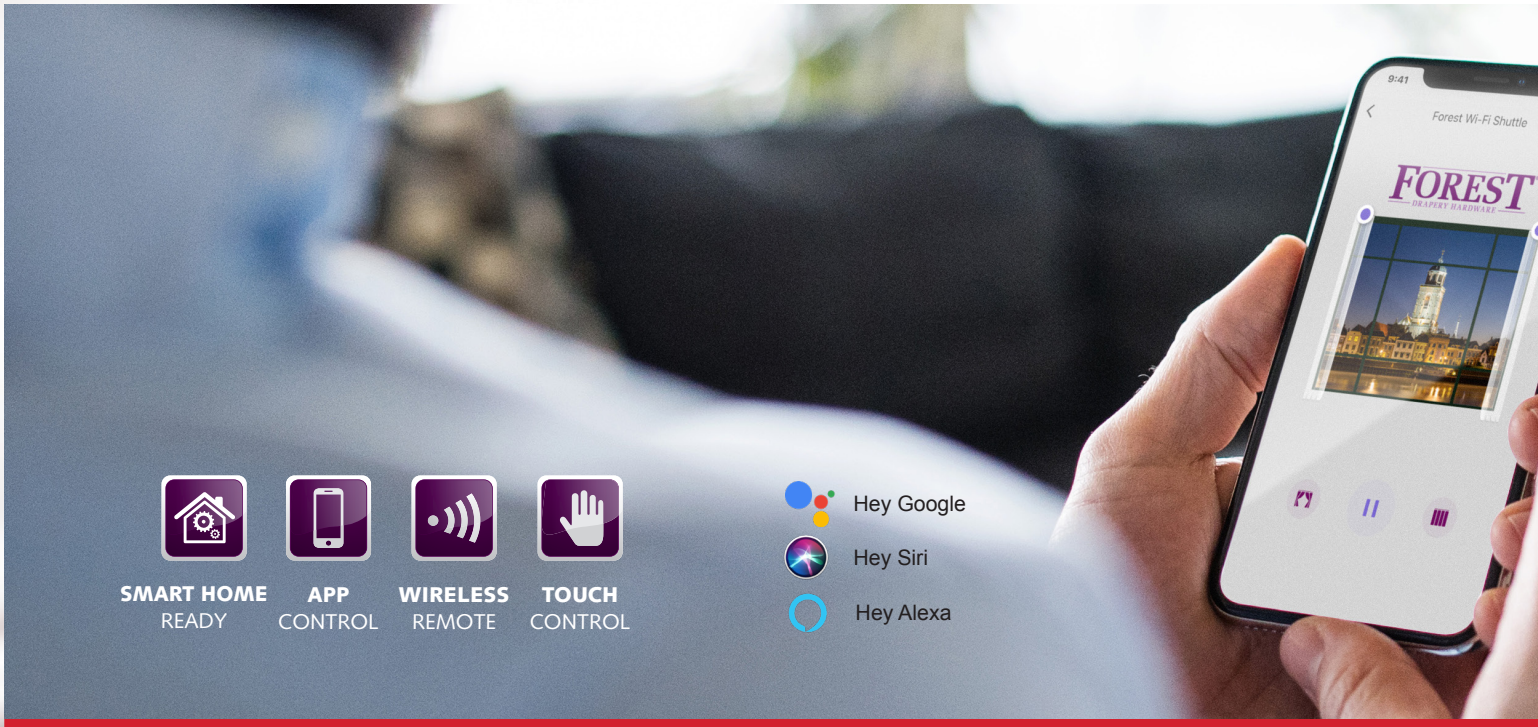
FINIAL OPTIONS

ALL SAHARA 1 1/8" COLLECTION FINIALS CAN BE USED ON SAHARA MOTORIZATION RODS. REFER TO THE SAHARA COLLECTION CATALOG FOR FINIAL OPTIONS.

ASSEMBLED RODS AVAILABLE THROUGH CDH STOCKING DISTRIBUTORS

ASSEMBLED ROD SETS INCLUDE RAIL, SINGLE WALL BRACKETS, MOTOR, POWER SUPPLY, AND DIAMOND WALL SWITCH OR REMOTE.

Sahara MOTORIZATION 1 1/8" collection



	SHUTTLE HD (M)	SHUTTLE L	SHUTTLE ECO (S)
SPECIFICATIONS			
DIMENSIONS	2.76" x 1.97" x 9.5"	2.76" x 1.97" x 11"	2.76" x 1.97" x 7.5"
MAXIMUM WEIGHT	160 lbs per motor	100 lbs per motor	100 lbs per motor
TRAVEL SPEED	5.5" per second standard 7" per second maximum	5.5" per second standard 7" per second maximum	5.5" per second standard 7" per second maximum
RECEIVER	Internal	Internal	Internal
AMPERAGE	.6 amps / 65 watts 110 volt plug-n-play	.8 amps / 40 watts 110 volt plug-n-play	.35 amps / 40 watts 110 volt plug-n-play
TORQUE	1.5 Nm	1.0 Nm	1.0 Nm
NOISE LEVEL	< 40 dB(A)	< 40 dB(A)	< 40 dB(A)
COLOR OPTIONS	White / Black	White	White
FEATURES			
TOUCH CONTROL TECHNOLOGY	√	√	√
INTEGRATED EMERGENCY CONTROL	√	√	√
RF COMMUNICATION STANDARD	√	√	√
Z-WAVE COMMUNICATION	-	√	-
AUTOMATION SYSTEM COMPATIBLE	√ using RS485 & dry contacts	√ using RS485 & dry contacts	√ using RS485 & dry contacts
WI-FI COMPATIBLE	√	√	√
WORKS WITH DS-XL LED DIMMER	√	√ (requires separate power adaptor)	√
WORKS WITH WIRELESS CONNECTOR	√	√	√
CAN BE USED WITH CURVED TRACK	√	√	√
PLUG & PLAY	√	√	√
WARRANTY	10 Years	10 Years	10 Years

Sahara MOTORIZATION 1 1/8" collection



SHUTTLE iOn



SPECIFICATIONS

DIMENSIONS	2" x 3" x 12.25"
MAXIMUM WEIGHT	55 lbs per motor
TRAVEL SPEED	5.5" per second standard
RECEIVER	Internal
AMPERAGE	Lithium Ion Battery + charger (3-4 months between charges)
TORQUE	1.0 Nm
NOISE LEVEL	<40 dB(A)
COLOR OPTIONS	White

FEATURES

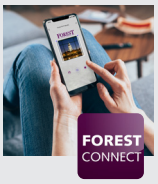
TOUCH CONTROL TECHNOLOGY	√
INTEGRATED EMERGENCY CONTROL	√
RF COMMUNICATION STANDARD	√
Z-WAVE COMMUNICATION	-
AUTOMATION SYSTEM COMPATIBLE	√ using RS485 & dry contacts
WI-FI COMPATIBLE	-
WORKS WITH DS-XL LED DIMMER	
WORKS WITH WIRELESS CONNECTOR	√
CAN BE USED WITH CURVED TRACK	√
PLUG & PLAY	√
WARRANTY	10 Years on motor 2 years on battery pack

CONTROL OPTIONS

Our wide range of control options make finding a fit for your home easy. Control the drapes by hand, remote, or even by the home automation system. Controlling the motorized system with your smart phone or tablet, you can create and schedule customized room scenes that allow your drapes to operate on their own throughout the day no matter where you are.



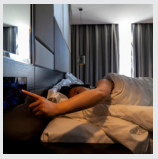
FOREST DIAMOND SENSE REMOTE
15-channel remote controls up to 15 motors individually and together,
with a timer or manually.
Range up to 98 feet.
Wall mounted holder included.



FOREST WI-FI DONGLE
With the Forest Wi-Fi Dongle, you can control your motorized system with your smart phone or tablet using the Forest Connect app, or by voice command when integrated with Google Home, Amazon Echo and Siri.



FOREST WIRELESS CONNECTOR
With the Wireless Connector make your new or existing Shuttle motorized drapery system "smart". Add a smart plug and use with Apple HomeKit, Google Assistant, or Amazon Alexa. Also, easily incorporate with building management systems, including dry contact controls.



BUILDING AUTOMATION / HOTEL ROOM CONTROLS
Forest Shuttles M, L & S can be connected to any building automation system, by relay control.

FOREST MOTOR CONTROLS ROADMAP

HOW DO YOU WANT TO CONTROL YOUR DRAPERY?



Wall Switch, Diamond Remote, Easy Touch Remote, and Sidekick Gen 3

RF

- ☑ **Shuttle**
  - ☑ S ☑ M ☑ iOn
- ☑ **Wall Switch**
- ☑ **Diamond Sense Remote**
- ☑ **Easy Touch Remote**
- ☑ **Sidekick Gen 3**



Voice and App Control local and remote

With feedback

WiFi

Connect using Forest WiFi Dongle



Integrations

works with FOREST CONNECT | works with Hey Google

works with alexa | works with Hey Siri

Integrations when cloud services are present

CRESTRON | Control4

- ☑ **Shuttle**
  - ☑ S ☑ M ☐ iOn
- ☑ **Wall Switch**
- ☑ **Diamond Sense Remote**
- ☑ **Easy Touch Remote**
- ☑ **WiFi Dongle**

Without feedback

RF

Connect using Bond Bridge Pro



bond

Integrations

somfy | works with Hey Google

works with alexa | works with SmartThings

Control4 | CRESTRON

SAVANT | ELAN

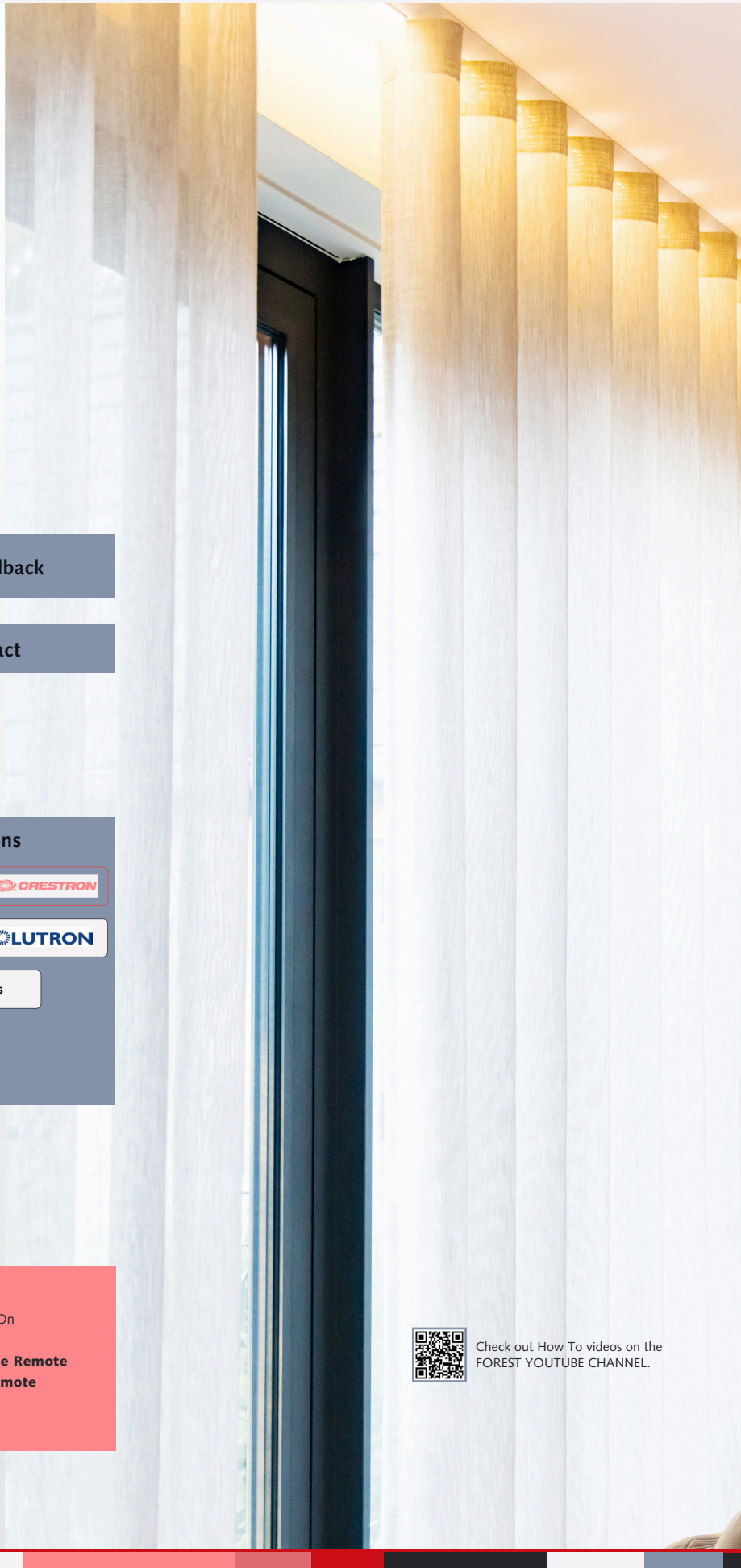
RTI | URC

HOMEBRIDGE | JOSH

Hubitat | and others

- ☑ **Shuttle**
  - ☑ S ☑ M ☑ iOn
- ☑ **Wall Switch**
- ☑ **Diamond Sense Remote**
- ☑ **Easy Touch Remote**
- ☑ **Bond Bridge Pro**
- ☑ **Sidekick Gen 3**

FOREST MOTOR CONTROLS ROADMAP



Wired Building Automation System
we advise you work with an installation specialist

With feedback	Without feedback
RS485	Dry Contact

Integrations

Control4 · CRESTRON · SAVANT · RTI · and others

Integrations

Control4 · CRESTRON · SAVANT · LUTRON · and others

- ☑ **Shuttle**
  - ☑ S ☑ M ☐ iOn
- ☑ **Wall Switch**
- ☑ **Diamond Sense Remote**
- ☑ **Easy Touch Remote**
- ☑ **RS485 Port**

- ☑ **Shuttle**
  - ☑ S ☑ M ☑ iOn
- ☑ **Wall Switch**
- ☑ **Diamond Sense Remote**
- ☑ **Easy Touch Remote**
- ☐ RS485 Port

Check out How To videos on the FOREST YOUTUBE CHANNEL.

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E-mail: cdh@cdhltd.com • Toll-Free Fax: 1 800.897.9197
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