

# RTMotion | Compatibility Guide

## Feature Key

### MOTOR

Supports use of RTMotion motors

### RS

Support of Run/Stop with RTMotion cables

### CTRL

Supports Latitude integration on RED; Camera & EF/AF lens control; Focus, Iris, Shutter, ISO, 2xMag, Edge

	<i>MK3.1</i>	<i>Latitude</i>	<i>Latitude</i>	<i>Latitude</i>	<i>Latitude</i>
<i>MDR</i>	<b>RECEIVER</b>	<b>MDR-M</b>	<b>MDR-MB</b>	<b>MDR-SK</b>	<b>MDR-X</b>
Model #	<b>RTM-3017</b>	<b>RTM-4501</b>	<b>RTM-4502</b>	<b>RTM-4505</b>	<b>RTM-4510</b>
Description	Lightweight, small and robust with full FIZ capabilities. Drive RTMotion motors and RS on all common cameras.	Mini version. Drive up to 2 RTMotion motors and RS on all common cameras, with added features on RED.	Mini battery version. Drive up to 2 RTMotion motors and RS on all common cameras, with added features on RED.	RED DSMC2 Module. Drive up to 3 RTMotion motors, with added RED features. Can be used with RED Sidekick.	Best all rounder. Drive up to 3 RTMotion motors on all common cameras, with added features on RED.
RF Range	Up to 1.5km	Up to 1.5km	Up to 1.5km	Up to 1.5km	Up to 1.5km
Dimensions	100 x 32 x 25 mm	100 x 48 x 22 mm	90 x 48 x 29 mm	146 x 82 x 40 mm	TBC
Weight	111g	104g	110g	242g	TBC
WIFI	✓	✓	✓	X**	✓
<i>Motors</i>	<b>1 - 3</b>	<b>1 - 2 *</b>	<b>1 - 2 *</b>	<b>1 - 3</b>	<b>1 - 3</b>
<i>Controllers</i>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>
MK3.1 Controller	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Thumbwheel	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Smartknob	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
<i>Cameras</i>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>	<b>MOTOR RS CTRL</b>
RED DSMC2	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
RED DSMC	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	X X X	✓ ✓ ✓
RED ONE	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X
ARRI Alexa, Alexa Mini	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X
Sony F5, F55, FS7 (+MKII)	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X
Panasonic Varicam	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X
Blackmagic	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X
Canon C300 (+MKII), C500	✓ ✓ X	✓ ✓ X	✓ ✓ X	X X X	✓ ✓ X

\* The MDR-M and MDR-MB have one motor port, a Dual Motor cable can be used to breakout to 2 motors

\*\* The MDR-SK has no WIFI capability, since DSMC2 cameras have built in WIFI. You can use the SK as an external antenna to boost signal.