

# 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>	RECEIVER	MDR-M	MDR-MB	MDR-SK	MDR-X
Availability	Shipping now	Shipping now	Shipping now	Shipping now	May 17
Model #	RTM-3017	RTM-4501	RTM-4502	RTM-4505	RTM-4510
Description	Lightweight, small and robust with full FIZ capabilities. Drive RTMotion motors and RS on all common cameras.	Standard version. Drive up to 2 RTMotion motors and RS on all common cameras, with added features on RED.	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	1km	1km	1km	1km	1km
Weight	118g	106g	112g	?	?
WIFI	✓	✓	✓	X **	✓
<i>Motors</i>	1 - 3	1 - 2 *	1 - 2 *	1 - 3	1 - 3
<i>Controllers</i>	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL
MK3.1 Controller	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Thumbwheel	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Smartknob	✓ ✓ X	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
<i>Cameras</i>	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL	MOTOR RS CTRL
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.