

CNT ROBOTICS NEWSLETTER



February 2018

In February, ROBOTIS has released new software updates for its RoboPlus V.2 Suite: MANAGER (V.2.1.19), TASK (V.2.2.4), MOTION (V.2.4.9), R+SCRATCH (V.1.0.9) and R+DESIGN (V.1.4.1) – mainly new English support materials for the new DREAM II and SMART III systems.

ROBOTIS also releases the new DREAM II system with 5 levels instead of the old 4 (<http://www.robotis.us/dream/>) – Level 3 is the new one. The DREAM II School Set is a special release just for the USA market: it just has the parts from Levels 1-2-3, but no paper assembly manual, to keep the price low at \$220. A PDF will be available for assembly instructions or the user can always use R+DESIGN when it gets updated with the 11 new DREAM II robots (<http://www.robotis.us/dream-ii-level-3/>). I also just finished writing my new DREAM II book which will be available in March as a Kindle e-book and as a paperback via CreateSpace (<https://www.cntrobotics.com/dreambook>). In the meantime, you can check out Video Tutorials for this book on YouTube (<https://www.youtube.com/playlist?list=PLtix7rPAJwqx4MqHfdzjOuHZY9fdNv8y7>).

The new DREAM II kit still uses the CM-150 Controller and its main new feature is that it now works with MIT's SCRATCH 2 programming tool (in addition to ROBOTIS' TASK tool). If you already have the old DREAM I kit, you'll need to update the CM-150 Firmware to V.31 and the R+SCRATCH helper application to V.1.0.9, then you can use the new tool chain (SCRATCH 2 / R+SCRATCH) with the old DREAM I kit.

Also in February, ROBOTIS releases a new mid-range TURTLEBOT 3 kit, called WAFFLE PI (<http://www.robotis.us/turtlebot-3/>), and a new book for TURTLEBOT 3 and ROS (Robot Operating System), which you can download for free here <https://community.robotsource.org/t/download-the-ros-robot-programming-book-for-free/51>. You can also register with the new ROBOTIS' RobotSource Community (<https://community.robotsource.org/tos>) for other resources or start your own unique robotics community there.

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