Press release

BBT upgrades to 4K/UHD testing – Introducing RT-AV4K signal capture device

Novi Sad, Serbia – June 7, 2016 – RT-RK, a market leading hardware and software development house in the area of consumer electronics, communications, and multimedia, today announced extension of the BBT line of test products and services by introduction of RT-AV4K grabber device. As essential part in both single and multiple Set-Top Box test stations, the device completes a BBT test system offered to development houses, OEMs, repair facilities and operators, which upgrades them to 4K/UHD (4096x2160) TV and multimedia testing.

Intended for head-end monitoring as well as for STB/DVD/Blu-ray testing, the RT-AV100 **backward compatible device RT-AV4K**, in addition to previously supported: digital and analog video and audio inputs, multi AV additional analogue video interfaces, 1Gbit/s Ethernet, and IR emulator output, brings the **additional features** of:

- Digital video input (HDMI 2.0 and HDMI 2.0a - up to UHD/4K) supporting HDCP 2.2 standard
- Optional 10Gbit/s Ethernet
- Optional PCI Express implementation

In addition, the device has onboard FPGA with real time A/V processing support with predefined detection of freezing, black screen, and blocking artefacts.

The orders can be placed with an expected shipment/delivery date in September 2016.

"RT-AV 4K is a big quality leap towards meeting our customer's requirements who deal with the challenges of 4K/UHD testing nowadays," commented **Vukota Pekovic, Head of Marketing and Sales at RT-RK**. *"Along with our test management system Intent, test execution engine Executor, with the 4K grabber, we complete the BBT system which can be tailored to everyone's needs and*

utilized as a cost-effective solution for functional, stress testing, or picture quality measurement. In the single STB stations or in multiple-STB stations, they can build a powerful and reliable environment for development, production, or service of the units. We are committed to support our present customers, as well as to continue to expand our business with new partners who start to recognize RT-RK and BBT as a developer with genuine embedded know-how and DTV testing expertize. "

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About RT-RK

RT-RK LLC is a R&D company and national research institute that delivers development services and own products in the arena of real time embedded systems, with strong focus on consumer electronics and automotive. Headquartered in Novi Sad, with offices in Belgrade (Serbia), Banja Luka (Bosnia and Herzegovina) and Osijek (Croatia) with over 600 engineers, RT-RK is one of the biggest development houses in Southeast Europe. RT-RK is professionally engaged in embedded system design, TV software development, automotive software development, digital signal processing, UI/UX design, product development including small scale production, testing of Set-Top Box and multimedia devices, and FPGA rapid prototyping. For more information, visit www.rt-rk.com and www.bbt.rs

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