Humax Expands Portfolio of RDK Devices for Service Providers Worldwide

- *Joins RDK Video Accelerator Program and Unveils 4K IP Set-top Box and 4K Soundbox*
- *Announces new RDK-powered GPON and DOCSIS® Broadband Gateways*

Seongnam-si, South Korea, February 25, 2020 – [Humax](#), a leading provider of video and broadband customer premises equipment (CPE), today announced the upcoming availability of an expanded portfolio of [RDK](#)-powered devices to serve operators worldwide. Humax also joined the RDK Video Accelerator program and announced its first RDK Video Accelerator 4K IP reference set-top box.

Humax's RDK Video Accelerator set-top box is pre-integrated with the [RDK application framework](#) and the [Metrological App Store](#). It is designed to enable service providers to rapidly develop, test and launch new video applications while maintaining control over consumer-facing applications, user experience and set-top box data. Humax also unveiled its RDK-powered 4K Soundbox, GPON gateway and DOCSIS® 3.1 gateway. All the new products are expected to be available in Q2 of 2020.

RDK is an open source software platform for the connected home that standardizes core functions used in broadband, video and IoT connected devices. It enables service providers to manage their devices; control their business models; and customize their apps, UIs and data analytics to improve the customer experience and drive business results.

"Humax is committed to continuous innovation, and that is especially true when it comes to RDK devices," said Jeff Kim, EVP of Worldwide Sales of Humax. "For many of the leading video and broadband providers around the world, RDK is their software platform of choice, and we're excited to deliver them this portfolio of new products. From our 4K IP set-top box and 4K Soundbox, to our GPON and DOCSIS gateways, we have RDK-powered solutions to meet the growing market demands."

"Humax has been a leading contributor to the RDK community for years, and today's announcement is another powerful case in point," said Steve Heeb, President and General Manager of RDK. "On the video side, their stylish new RDK Video Accelerator IP set-top box will enable service providers to quickly test and launch new video applications for deployment. On the broadband side, Humax's state-of-the-art RDK gateways for fiber and cable are designed to serve the needs of our community today, and into the future."

Product Details and Specifications

Key Features of Humax's Video Accelerator include:

Humax 4K IP set-top box

- High-performance CPU delivering up to 24,000 DMIPS
- Optimized for home video entertainment
- 4K UHD video streaming (HDR, HEVC)
- Pre-integrated apps with RDK app framework and Metrological App Store
- Vast connectivity: Wi-Fi6, Bluetooth5.0, 1Gbps LAN, USB2.0, HDMI2.1, Optical(S/PDIF)
- Dimensions: 137mm x 137mm x 25mm

Key Features of Humax's 4K Soundbox include:

Humax Premium Soundbox

- Integrated microphone for far-field voice recognition
- Audio architecture optimized for TV entertainment
- Loud enough: 93dB
- Frequency range: 34Hz-20kHz
- Wi-Fi music streaming
- 4K UHD video streaming (HDR, HEVC)
- Vast connectivity: Wi-Fi6, Bluetooth5.0, HDMI2.1, USB2.0, Optical (S/PDIF)
- Dimensions: 410mm x 110mm x 90mm

Key Features of Humax's 2.5G GPON Wireless Voice Gateway include:

Humax HP610

- ITU-T G.984.2 Class B+ compliant
- DS/US data rate of 2.5Gbps/1.25Gbps
- GPON: DS 1490nm(+/-10nm) / US 1310nm(+/-10nm) / 1 SC-APC (BOSA)
- Wi-Fi: 802.11n/ac concurrent dual band 2.4GHz 4x4 / 5GHz 4x4
- Beamforming & MU-MIMO
- IPv6 support
- GRE runner termination
- Intelligent QoS
- Band steering for data balancing
- Advanced parental control
- UPnP
- SNMP, TR-069
- WMM, Multiple SSID, WPS, WDS
- HotSpot2.0
- Port: 4 Giga-bit Ethernet (RJ-45) ports, 1 USB2.0 port, 2 FXS ports
- Button: 1 reset button, 1 WPS button

Key Features of Humax's DOCSIS 3.1 Wireless Voice Gateway include:

Humax HGJ310

- DOCSIS 3.1 & PacketCable™ 2.0 compliant & backward compatible
- US/DS data rate of 5Gbps/2Gbps
- Band split: US 5~42MHz/85MHz / DS 5~45MHz/85MHz
- Wi-Fi: 802.11n/ac concurrent dual band 2.4GHz 4x4 / 5GHz 4x4
- Beamforming & MU-MIMO
- Full band spectrum analyzer for US/DS
- IPv6 support
- GRE runner termination
- Intelligent QoS
- Band steering for data balancing
- Advanced parental control
- UPnP
- SNMP, TR-069
- WMM, Multiple SSID, WPS, WDS
- HotSpot2.0
- Port: 1 F-Connector for DOCSIS, 4 Giga-bit Ethernet (RJ-45) ports, 1 USB2.0 port, 2 FXS ports
- Button: 1 reset button, 1 WPS button

Humax will showcase the new portfolio of devices at the upcoming RDK Americas Summit on March 10, 2020, in Philadelphia. For more information, visit: https://americas.humaxdigital.com/rdk-v/.

About Humax:
Founded in 1989, HUMAX is a leading gateway developer dedicated to providing better content delivery systems for the consumers through continuous research, development and innovations. With 20 overseas subsidiaries and branches across the globe, HUMAX currently provides 80 major broadcasting companies and mobile carriers with high-quality video gateways, set-top boxes and broadband gateways.

About RDK Management
RDK Management is an open source consortium that manages RDK for the global community. RDK is an open source software platform for the connected home that standardizes core functions used in broadband, video and IoT devices. It enables operators to manage their devices; control their business models; and customize their apps, UIs and data analytics to improve the customer experience and drive business results. The RDK community is comprised of more than 400 companies including: CPE manufacturers, SoC vendors, software developers, system integrators and service providers. For more information on the tools, training and events provided by RDK Management, please visit: www.rdkcentral.com.

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