

JVCKENWOOD Exhibits at IBC 2017

Delivering video creation solutions for network distribution,
such as live streaming of sports events and VR videos

JVCKENWOOD Corporation will exhibit at International Broadcasting Convention (IBC) 2017, the largest broadcasting device exhibition in Europe, to be held in Amsterdam, the Netherlands, from September 15 (Friday) through September 19 (Tuesday), 2017 (local time).

This year, the JVCKENWOOD booth will mainly feature demonstrations of video shooting and live streaming using cameras with a graphic overlay function as solutions for sports broadcasting. In addition, JVCKENWOOD will highlight the ProHD Bridge series of efficient IP broadcast solutions, and present a reference exhibit of the new DT series of monitors for video production, with the addition of 4K-enabled models to the lineup.

JVCKENWOOD's exhibits this time will highlight its unique camera solutions that realize the integration of hardware and software, as well as new video production solutions developed in collaboration with partner companies:



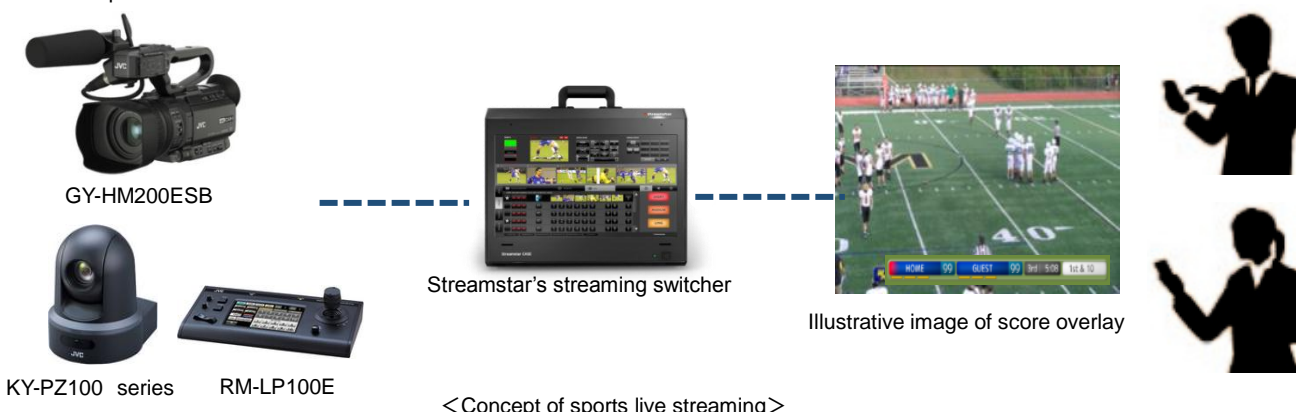
<Conceptual image of JVCKENWOOD booth>

<Main Exhibit of JVCKENWOOD at IBC 2017> (JVCKENWOOD Booth: Hall 12 F31)

1. Total solutions for sports broadcasting ranging from video shooting to distribution

JVCKENWOOD will deliver total solutions for a seamless workflow from video shooting to live streaming of sports events. We will exhibit GY-HM200ESB, a graphic overlay-enabled camera recorder capable of recording and distributing real-time score overlays, team logos, and titles, on streamed video of live games, and present a reference exhibit of KY-PZ100BESB/PZ100WESB PTZ cameras. JVCKENWOOD will also deliver RM-LP100E, an upgraded camera control unit that supports remote control of its camera recorder^{※1}. In addition, we will demonstrate a seamless workflow from shooting content to network distribution to editing to graphic overlay to uploading to a web page to distribution by using Streamstar's streaming switcher, a live streaming platform.

※1. Compatible models: GY-HM200/HM660/HM850/HM890



2. IP solutions for live video creation using the ProHD Bridge series of the IP transmission system

JVCKENWOOD will exhibit the ProHD Bridge series of IP transmission system for covering news and live events, which was brought to the market in collaboration with Hong Kong-based Peplink, to present broadcast solutions that enable live video distribution anywhere over public circuits. ProHD Bridge is a live IP transmission system with increased reliability and data transmission rate, which is enabled with bonding technology for transmitting IP over bonded multiple public circuits. We will showcase ProHD Portable Bridge, a portable model compatible with multi-camera live streaming, and a camera attached-type model, which delivers excellent mobility when attached to our GY-HM850/HM890 camera recorders.



<ProHD Portable Bridge>

3. New DT series of video creation monitors with the addition of 4K models to the lineup (reference exhibit)

For video creation users, JVCKENWOOD will offer a reference exhibit of the new DT series of video creation monitors, whose lineup includes our first 4K monitors. From the lineup of 4K monitors, we will have two models (31-inch and 28-inch models) that come with 10-bit panels enabling 12-bit color processing and HD-SDIx4 input on reference exhibits. In addition, we will display four models of HD monitors (27-inch, 24-inch, 21-inch, and 17-inch models) that are compatible with 3G HD-SDI connection and HDMI2.0 and support a wide range of video signals including 4K Scaling.



<Illustrative photo of the new DT series>

4. 4K/60p HDR recording solution composed of GY-LS300CHE and recorder from ATOMOS

JVCKENWOOD will deliver a video recording solution comprising our GY-LS300CHE 4K memory card camera recorder featuring the Super35mm image sensor and SHOGUN INFERNO and NINJA INFERNO recorders with a built-in monitor from ATOMOS Co., Ltd. We will highlight two solutions for high-definition and high image quality 4K/60p recording and HDR recording using the JVC Log with enhanced color grading.



<GY-LS300CHE and recorder from ATOMOS>

5. 360-degree video recording solution for VR video creation and live streaming developed in collaboration with US-based RTI

JVCKENWOOD will offer a reference exhibit, in collaboration with Realtime Immersion Inc. (RTI) in the U.S., of a prototype system enabling 360-degree VR video recording, using a 360-degree shooting camera system featuring the Super35mm image sensor, VR head-mounted display, and dedicated VR apps. We will deliver 360-degree video shooting and live video streaming solutions for professional broadcast users.

The 360-degree camera system supports 3Kx3K square resolution, which is optimal for shooting 360-degree VR live streaming videos of sports, entertainment, and news events. By combining an optical system in the single-camera framework developed exclusively by RTI, the camera system can deliver high image quality and seamless videos. In addition, using a compound eye camera eliminates the need for video-stitching software, enabling the lowest latency on video streaming. Our exhibits will also include apps that enable 360-degree live video streaming for mobile devices and a VR head-mounted display that is compatible with 360-degree video content.



<360-degree camera system from RTI>



<VR head-mounted Display>

<Profile of IBC 2017>

- Name: International Broadcasting Convention (IBC) 2017
- Host: International Broadcasting Convention (IBC)
- Exhibition period: September 15 (Friday) through September 19 (Tuesday), 2017 *Product exhibition period
- Venue: RAI Amsterdam (Amsterdam, the Netherlands)
- Official website: <http://www.ibc.org/>

<Trademarks>

- Company and product names mentioned herein are trademarks or registered trademarks of individual companies.

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The above announcement is that initially released to the press, and it may not reflect the latest information.

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JVCKENWOOD Corporation (JVC KENWOOD), Victor Company of Japan, Limited (JVC), Kenwood Corporation (KENWOOD) and J&K Car Electronics Corporation (J&K Car Electronics) has merged to form a new company on October 1st, 2011.

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