

Panasonic to demonstrate 64:9 Ultra-Wide Camera System at Integrate 2013

August 29 2013

At the upcoming Integrate exhibition in Sydney this month, Panasonic will preview a unique ultra-wide angle camera system (UWCS) that stitches together the images of four High Definition Cameras in real time to create a dramatic 64:9 panoramic image.

Mathew Alexander, Product Marketing Manager – Broadcast, Panasonic Australia, said: "The ultra-[wide angle camera](#) system (UWCS) has primarily been designed for sports coaching analysis, such as football games. With a 160-degree (4 x 16:9) wide angle view, the entire field can be captured at once, so the moves and formations of all players are clearly visible."

The system operates on [visual cues](#) so players do not need to wear tags or tracking devices for it to work. Being able to operate by visually tracking players means that coaches can effectively analyse games as well as practice matches, consequently increasing the actual amount of 'coaching time' for clubs.

Mathew Alexander added: "At the recent SMPTE broadcast exhibition in Sydney, there was a lot of interest in the ultra-wide [camera system](#) (UWCS) from major Australian sporting codes, cable and free-to-air [television broadcasters](#) and representatives from live entertainment. The level of interest from sports and outside of sports is really exciting. The applications are proving to be very broad-based."

High-speed stitching produces seamless panoramic images in real-time.

The HD 4x (5120 x 720) resolution is sharp enough so the numbers of all players are easily seen even when enlarged.

Installation is straightforward, with four of Panasonic's AW-HE120 HD integrated cameras assembled into a single rig configuration for easy carrying and setup. The signals from the AW-HE120 cameras are fed into a specialist workstation running Panasonic's [proprietary software](#) and displays across multiple screens or projectors.

The automatic PTZ (pan/tilt/zoom) adjustment function for the four camera angles means the system is ready to use within minutes of positioning and connection.

Integrate 2013 is being held from August 27-29 at the Sydney Convention and Exhibition Centre, Darling Harbour.

Specifications:

- Cameras: AW-HEW120 x 4
- Viewing angle: 160-degrees (horizontal)
- ND filter: 1/4, 1/6, 1/64
- Output: HD SDI x 4
- Power Consumption: 95 W
- Operating Temperature: 0-40 degrees C
- Operating Humidity: 5% to 80% (no condensation)
- Dimensions (WxHxD): 70cm x 60cm x 36cm
- Weight: Around 40kg

Provided by Panasonic Corporation

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