

News Release

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Hitachi's DK-H100-S1: HD TV from any point of view

The newly launched DK-H100-S1 HDTV high performance, multi-format compact, HDTV box camera from Hitachi Kokusai Electric is perfect for robotics, point of view, graphics stand and remote observation applications. Now with single mode fiber output of the HD-SDI video signal and full network integration with SU-2100 MCP



The camera delivers supremely high quality stable images thanks to its three 2/3" 2.3-million pixels 1080i CCDs. Hitachi's implementation of the latest digital processing technology and 14-bit A/D converters enable the DK-H100-S' to have market leading horizontal resolution performance of 1100 TV lines, delivering sharper and cleaner HD images with incredibly low noise and ultra low vertical smear.

The DK-H100-S' functions can be controlled remotely from a laptop or dedicated control panel. Command and communications protocols are available to users to enable the building of custom-made software control applications. The DK-H100-S' have an automatic electronic shutter (AES) mode to set the video signal to a fixed level and real-time auto white balance to detect and automatically compensate for changes in the scene color temperature. The camera also has four scene files to store and recall functions such as gain, detail, masking, gamma and other settings. For tight control of the image, the camera's digital light metering divides a scene into seven sensing areas as well as an iris gate area with variable size and position. To control the camera remotely there is bi-directional data transfer, an Ethernet connector as well as a serial data I/O 4 pin connector.

Paddy Roache, Director, Hitachi Kokusai Electric said: "Once again Hitachi is providing broadcasters with superb quality HD cameras for a wide variety of applications. We have built our reputation on quality and the DK-H100-S1 demonstrates that beautifully."

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