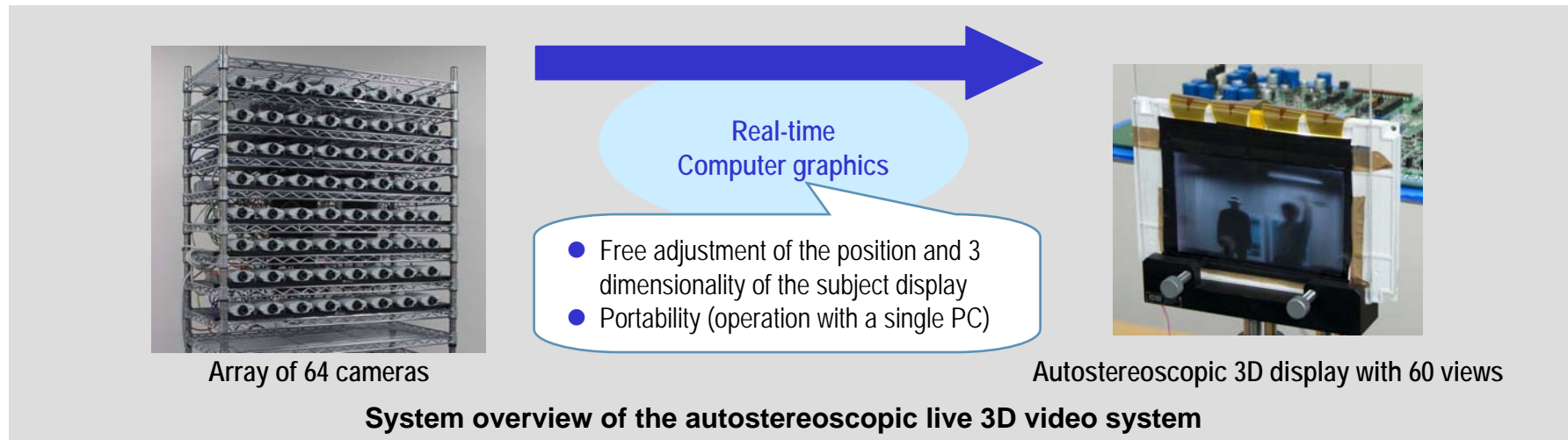


2008/6/2 Release <http://www.hitachi.com/New/cnews/080602a.html>

Development of an autostereoscopic live 3D video system enabling video to be displayed live in 3D

- High-speed processing of images from 64 video cameras for real-time 3D display -



Associate Professor Takeshi NAEMURA of the Graduate School of Information Science and Technology of the University of Tokyo, and Hitachi, Ltd. have together succeeded in the development of a system for displaying live video on a three dimensional (3D) display without the need for special glasses. The system was achieved by combining the portable 64-camera array developed by the University of Tokyo with the “autostereoscopic 3D display” developed by Hitachi, Ltd. and further developing high-speed image processing technology. The entire system has the added feature of mobility as the camera array system is portable and data processing can be conducted on a standard PC. As current events can be broadcasted live with a sense of depth, this development is expected to contribute to the practical application of autostereoscopic live 3D video systems.

Operation of the system will be demonstrated at the 3D Image Conference to be held from 10th – 11th July 2008, at the University of Tokyo, Japan and at SIGGRAPH ASIA 2008 to be held from 11th – 13th December 2008, at the Suntec Singapore International Convention & Exhibition Centre, Singapore.