



Camera & Imaging Products Association
JCI BLDG.,25, ICHIBAN-CHO,CHIYODA-KU,
TOKYO, 102-0082 JAPAN
TEL:+81-3-5276-3891 FAX:+81-3-5276-3893

PRESS RELEASE

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Camera & Imaging Products Association (CIPA)

CIPA Establishes the Implementation Guidelines for DPS over IP as Standard for Using PictBridge in Network Environments

The Camera & Imaging Products Association (“CIPA,” President: Makoto Kimura) newly established the “Implementation Guidelines for DPS over IP” for using the DPS standard, typically called PictBridge, which allows a digital still camera to be connected directly to a printer without a PC in a network environment, enabling direct printing of images.

The DPS standard was standardized in February 2003 as a direct printing standard for printing images by connecting a digital still camera directly to a printer with a USB cable. In order for the DPS standard to support wired and wireless LAN network environments, CIPA has uniquely formulated a device definition and a service definition, and established the implementation guidelines to ensure interconnectivity.

In recent years, wired and wireless networks are used extensively in homes and offices. For printers, network compatible products have become the mainstream. In line with this trend, the appearance of more and more network compatible digital cameras is anticipated. The new guidelines are made to respond to such a situation, allowing the use of PictBridge in network environments along with the conventional USB connection. It is expected that this will further facilitate the use of printing and greatly enhance convenience for users.

The certification program for verifying interconnectivity is set in the DPS standard, and grants the use of the PictBridge logo on certified products. PictBridge can be applied to digital still cameras and printers and to various image input and output devices. A new certification program has been prepared to verify interconnectivity for products that are developed in compliance with the Implementation Guidelines for DPS over IP. This certification system allows inheritance of the PictBridge feature which ensures interconnectivity regardless of manufacturer or model.

CIPA will continue to work actively to have this standard applied to digital cameras and printers, and various audio-visual equipment connected to smartphones and home networks.

A technical overview appears on the following CIPA website as a white paper.
http://www.cipa.jp/english/hyoujunka/kikaku/cipa_e_guideline.html

For inquiries regarding DPS over IP, please contact CIPA at dps-ip@cipa.jp