



Features

This product is a reference system for the video capture that can be applied to various applications.

- It converts outside input of analog video into JPEG (still picture/video) an instantaneous and it is possible to save the server directly via network.
- Initial setting is simplicity operation to get IP address automatically and to do a remote control on the web browser.
- It is possible to save the image files to the multi media card with sending the files to the server.

And then, this video capture reference system has a small -scaled video capture equipment for the medical use, as a one of typical application.

- It is possible to connect a card reader for inputting patient ID, and CGI is also available for setting ID.
- Information of patient ID and capture time can be use as a file name.
- The USB Foot SW is supports for getting the image capture timing.

Development of Semi - Custom

We can develop the Semi - custom equipment which obeyed your demand. It is meant to develop a custom - made equipment with a high - performance and a short development period.

The main engine is the programmable DSP. This advantage are, we can select the other encoding method, and if we program the image recognition algorithm to the DSP, it will be a tester like the shape inspection.

In addition, this reference system is prepared many optional interfaces as a digital video input, audio input/output, sensor input, HDD I/F, FPGA extended board digital I/F etc...

Several examples of Application

- Video Capture for the medical use
- Visual Inspection
- Network Camera
- Receiving Station of Video on the Internet
- Contents Server, Receiver, Player (DLNA)
- Others

Please refer to the next page about the introduction image of each application.

Specifications of Hardware

Dimension	• 142mm (height) x 72mm (width) x 170mm (depth)
Weight	• 465g
Image Input	• NTSC (S terminal) x1 • NTSC (Composite connector) x1
Image Output	• NTSC (Composite connector) x1
Audio Output	• Piezoelectric buzzer x1
Network	• 10Base - T / 100Base - TX (RJ - 45 connector)
Interface	• USB2.0 host (For the foot switch / card reader) • Button switch x3
Media card	• MMC (Multi media card) x1slot
Display	• LED x1 (Green) • 128 x 64 dots FSTN liquid crystal
Voltage	• 5V (Supply with AC adapter of accessories)
Power Consumption	• 3.4W (Typical)
Environmental Condition	• Temperature 0 ~ 40 • Humidity 20% ~ 80% (without bedewing)
Enhancing Specification	• Audio Input / Output • Digital Video Input • 2.5 " HDD I / F etc

Basic Function

Image Size	• 640x480 / 320x240 / 160x120 (still picture / video)
Capture Speed	• 1 image / sec (still picture) *1 • MAX 30 frame / sec (video) *1
File Format	• JPEG (still picture) • Motion JPEG_AVI (video) *2
File Name	• Terminal ID_ Patient ID *3_yymmdd_ttmss.extension
Preservation Ahead	• Windows common folder / MMC (Optional)
IP Address Setting	• automatic / fixed
Time Setting	• Manual / NTP server synchronization
Display Viewer	• Free Software (Ex. Windows Media Player)
Environmental Condition	• Internet Explorer 5.5J (Web browser) • Windows 2000 / Windows XP

*1 This need not apply in a problem of network band.

*2 It is possible to divide file automatically.

*3 Setting can be on the network, at card reader, at keyboard, and patient ID for the medical treatment.

Contact address

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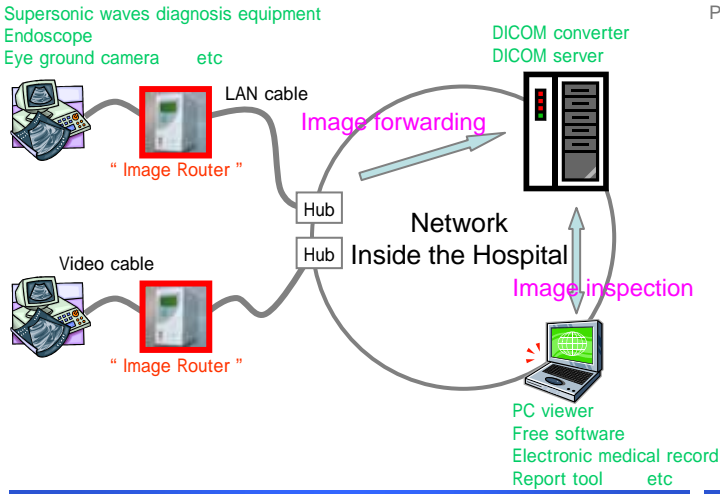
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Notes

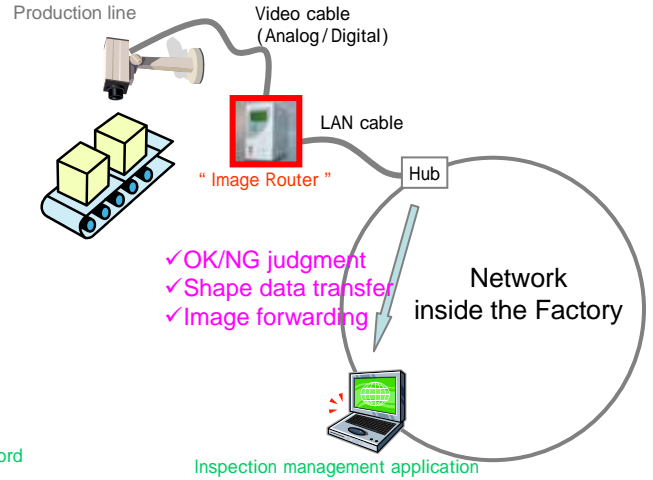
- Company name and production of a record are a trademark of each company or a registered trademark.
- There is a possibility of change without notice to improve specifications. **Feb, 2007**

Introduction Image of Each Application

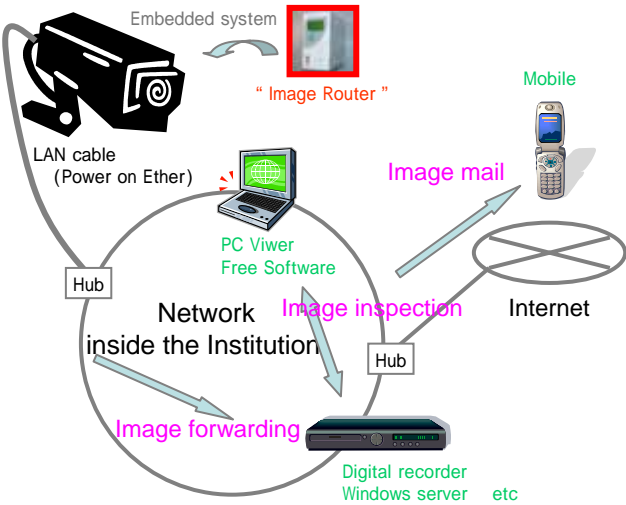
Video Capture for the Medical-care Industry



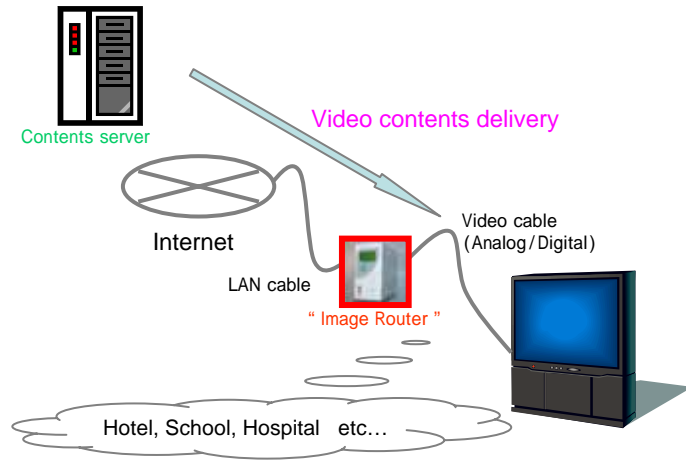
Visual Inspection



Network Camera



Receiving Station of Video on the Internet



Contents Server, Receiver, Player (DLNA)

Others

