Easy cause investigation by monitoring and recording with USB camera

Before

A short-time stop occurred on the production site, but fundamental measures cannot be taken because the situation of when the stop occurred is unknown.

I wasn't monitoring the machine so I can't tell what happened at that time.

Error log added!

What are short-time stops?
Stop of production equipment for a short period of time due to some sort of trouble.

Problem 1

An alarm has occurred, but the situation is unknown because it was not witnessed.

Could video recording be possible?

Problem 2

The problem cannot be seen because it occurs at the back of the machine.

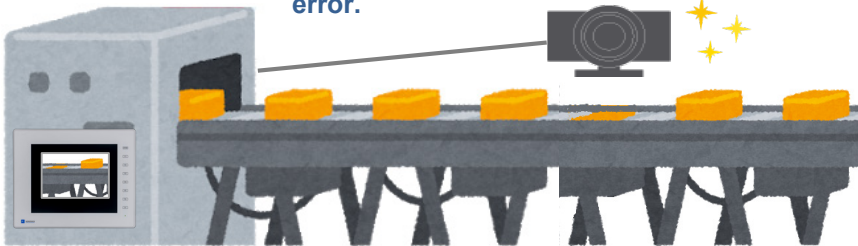**Is there a way to visualize blind spots?**

Solve these problems using a USB camera!

After

Monitor operation in real time and record video before and after an error occurs!

Solution 1

Record video before and after the occurrence of an error.

Check the video recording of the error later!

Solution 2

Even for locations at the back of the machine and inaccessible areas, **real-time video can be displayed on MONITOUCH**!

In addition!

- Check video footage taken before and after the occurrence to see if there is any irregularity that may be a cause!
- If similar problems are occurring frequently, improvements can be made for better on-site operating efficiency!

Even more convenient by using a USB camera together with other functions!

Operating properly

14:00
Error occurred

Email sent

+ Email function

Since you can receive an email when an alarm occurs, you can know of an error even at a remote site.

New V10 function

USB camera + VNC server

Remote monitoring with the VNC server function is available to display USB camera footage on a tablet or PC!

* V10 series only

Respond to errors immediately while checking on site!

Later
Analysis

+ FTP server function

Access the SD card from a PC using the FTP server function!
The video file (.MP4) can be watched remotely!

Ethernet

MP4

Analyze accumulated video footage to identify the cause of short-time stops!

In addition to visual confirmation of the occurrence on site, further analysis is possible!

Office

Experience the USB camera function, ideal for on-site monitoring!

Hakko Electronics Co., Ltd.

Click here for more MONITOUCH EXPRESS.