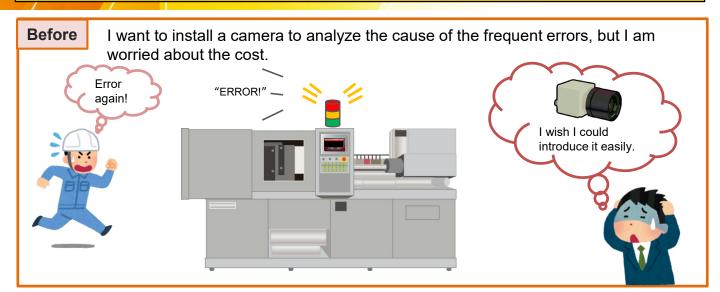
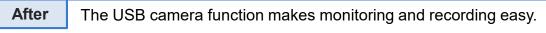


# [Useful Tips] V9 helps you analyze the cause of the error! - USB camera function -



# V9 now supports USB camera function!



### Effective for investigating the cause of the error

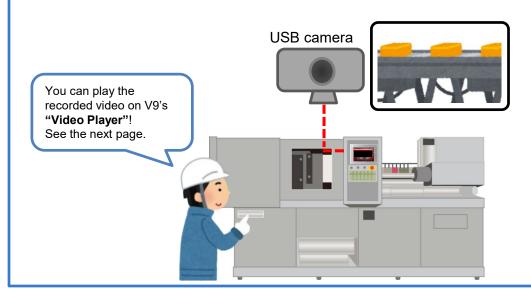
Use "event record function" to record up to 180 seconds of information before and after the error occurrence and save it to an SD card in mp4 format.

#### Easy configuration

You can connect a commercially available USB camera to V9 with simple settings.

<Verified USB cameras>

ELECOM: UCAM-C750FBBK Logicool: C270m/C615 BUFFALO: BSW200MBK



Now I feel close to using cameras!



## How to replay video files

#### In combination with "Video Player", you can play video files on the V9.

#### What is "Video Player"?

V9 plays back [\*.mp4] files stored in storage. This function also supports fast forward, rewind, pause, and slow playback.

#### Operation example

From the V9, select [Video Player] from the System menu.



Even if you don't have a computer, you can check it on the spot, so it's convenient!

It is also great that you can check the contents with rich playback functions.



Select the file you want to play and press [Open]. The mp4 file is played.







\*For more details, please refer to V9 Reference Manual 2.

## Compatible models and USB camera specifications

Compatible models		Supported version	Port	Maximum number of connections
V9 Advanced (analog type)* V9 Standard V9 Lite	Landscape	Program Ver. 2.000 or later OS Ver. 3.60 or later (V-SFT Ver. 6.0.34.0 or later)	USB-A	1 (USB HUB must be used.)

<sup>\*</sup> V9 Advanced (capacitive switch: V9101iW/V9071iW) is not supported.

Item		Specifications	Remarks	
USB camera	Interface	USB 2.0		
Camera	Communication Standard	UVC (USB Video Class) supported		
	Resolution	320 x 240 640 x 480	USB cameras that do not support either 320 x 240 or 640 x 480 resolution cannot be connected.	
	Frame rate	Max. 30 FPS		

<sup>\*</sup> When using a USB camera, be sure to use a USB hub with an external power supply.

Be sure to connect to port 1 of the USB hub. It does not work when connected to a port other than port 1.

# Hakko Electronics Co., Ltd.