

Manual

DSMC-100A Series

Sampling moire camera

Offline Analysis soft

Installation

Thank you very much for purchasing the product of Kyowa Electronics Instruments.
Please read this instruction manual carefully and ask to using it habitually for a long time.
Please do not employ it by the method explained in the instruction manual.

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Change the contents of the instruction manual may be without a notice.

About any damage to occur at the verge using this product, we shall not take responsibility for all.

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Thank you for purchasing sampling moire camera displacement measurement device offline analysis soft.

In this manual, we'll explain about a procedure to install application.

- Please read this manual before use this product.
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2-1. About data contents

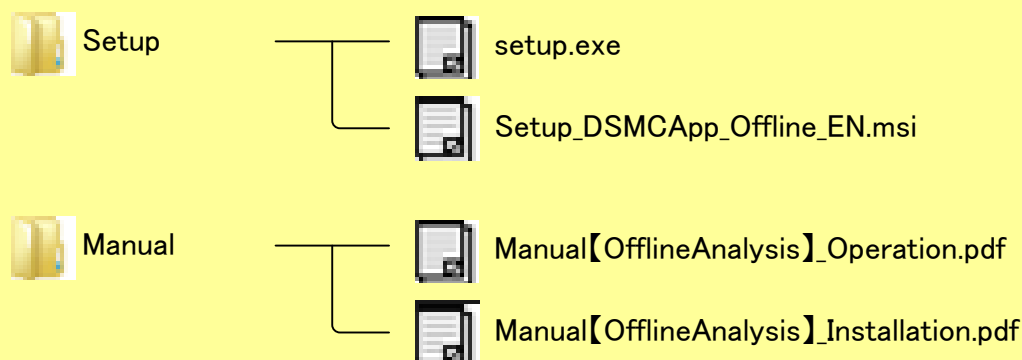
Explain contents of the sending CD-ROM of the offline analysis soft (the following, offline).

When you open the CD-ROM by Explorer, there are data by the following constitution.



Complement

This is the constitution of the folder, file below.



This is the content of the file follows.

No	File Name	Content
①	setup.exe	Execute file of the setup
②	Setup_DSMCAApp_Offline_EN.msi	Installer package file
③	Manual【OfflineAnalysis】_Operation.pdf	OfflineAnalysis operation manual
④	Manual【OfflineAnalysis】_Installation.pdf	Operation manual of the OfflineAnalysis installation / uninstallation

3-1. Application Specifications

This application enables analysis of the three-dimensional displacement from the image data that photographed with collected with a sampling moire camera or other camera.

The function of this application is written below.

No	Function of the application
1	Analysis of the three-dimensional displacement is possible from image data
2	Analysis of the three-dimensional displacement is possible on 2 conditions at the same time
3	Analysis of up to 24 areas (1 condition)
4	Calculate base image (The precision of standard phase improves by making averaging phase using several phases)
5	XY phase differences of each area are calculated by phase and standard phase
6	Calculate the average (Arithmetic average) of XY displacement phase difference
7	Calculate each displacement
8	Save analysis data to recording mediums such as HD in the PC

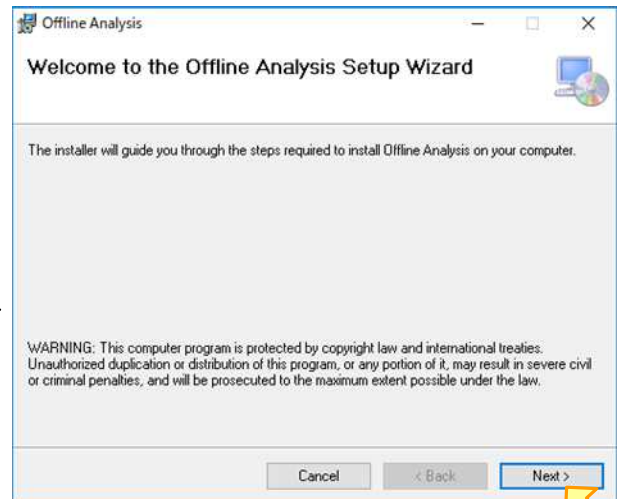
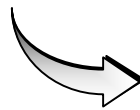
This is the specifications of the application below.

Model Number	DSMC-APP-OFFLINE(Z Displacement)
Analysis Displacement	XYZ
PC Operating Environment	OS : Windows 7 64bit, Windows 10 64bit CPU : Intel Core i5 above Memory : 8GB above Screen Resolution : 1280 × 1024 (SXGA) above
License	Exclusive security dongle key (USB) ※1

4-1. Installation of the offline analysis software

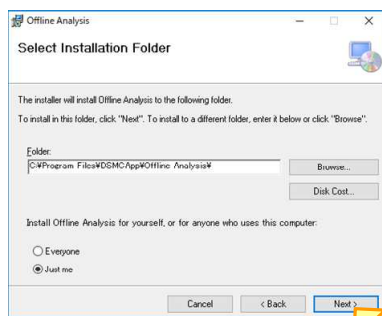
Install offline.

1. Open the CD-ROM and double-click “¥Setup¥setup.exe”.
The installer starts, setup wizard is started.

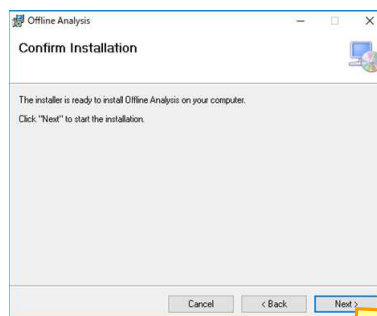


【setup wizard】screen ①

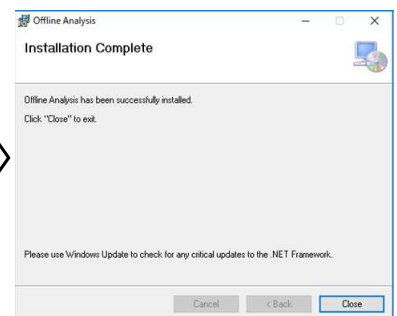
2. Please click “Next” button without changing setting.
Offline installation is started.



【setup wizard】screen ②



【setup wizard】screen ③



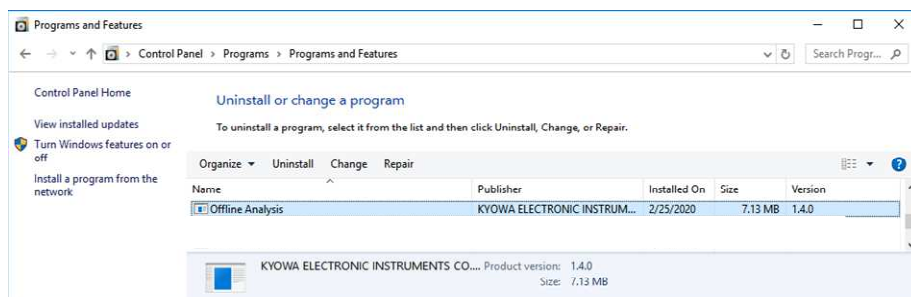
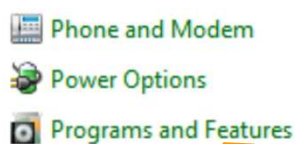
【installation】screen

Installation of the software is the end.

4-2. Uninstallation of the offline analysis software

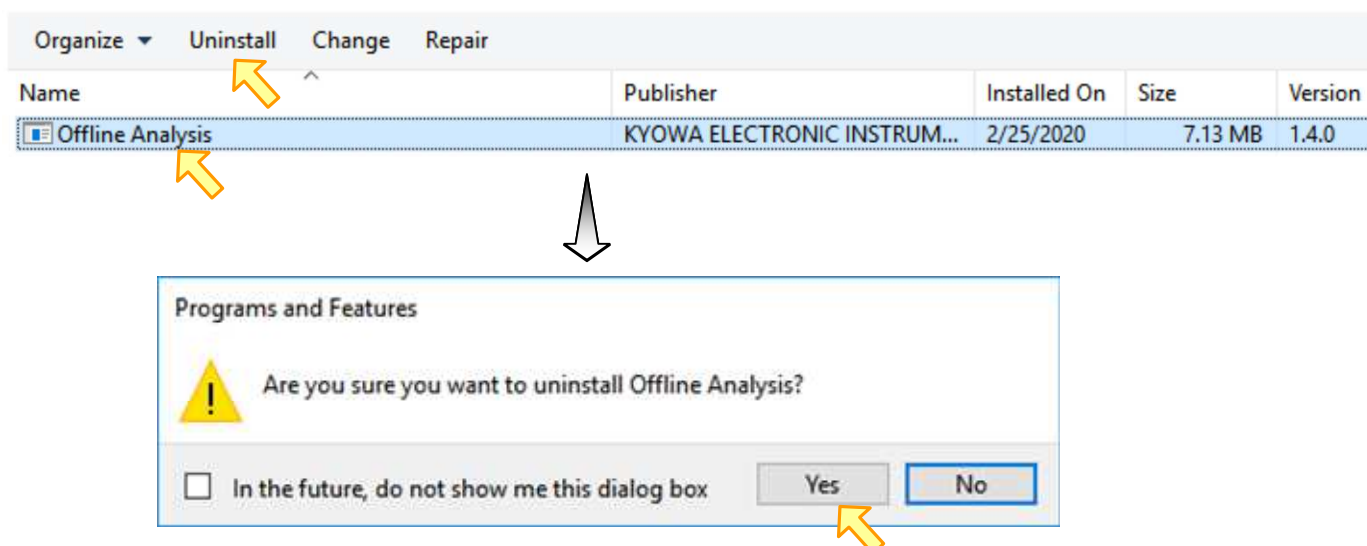
Uninstall offline.

1. Please choose “Program and function” in the Control Panel.
“The uninstallation of the program or change” screen is displayed.



“The uninstallation of the program or change” screen

2. Select “Offline analysis”, please click “uninstallation”.
Uninstallation is started.



Uninstallation of the software is the end.



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