MENCiSOFTWARE
ZScan Evo

Zscan Evo represents the development of ZScan proven technology, designed to favor easy handling and ease of operations. Evo uses the most recent innovations of Menci Software for the 3d reconstruction from images and from these, such as traditional ZScan, is capable of obtaining RGB point clouds with high density.

at least 60% overlap

...freehand shots...

Zscan Evo frees the operator by the use of slide precision: it is able to handle images acquired by hand on any subject. By provinding the system with appropriate overlapping strips (at least 60% of the images) you can get a complete 3d model, for both activities of analysis and documentation.
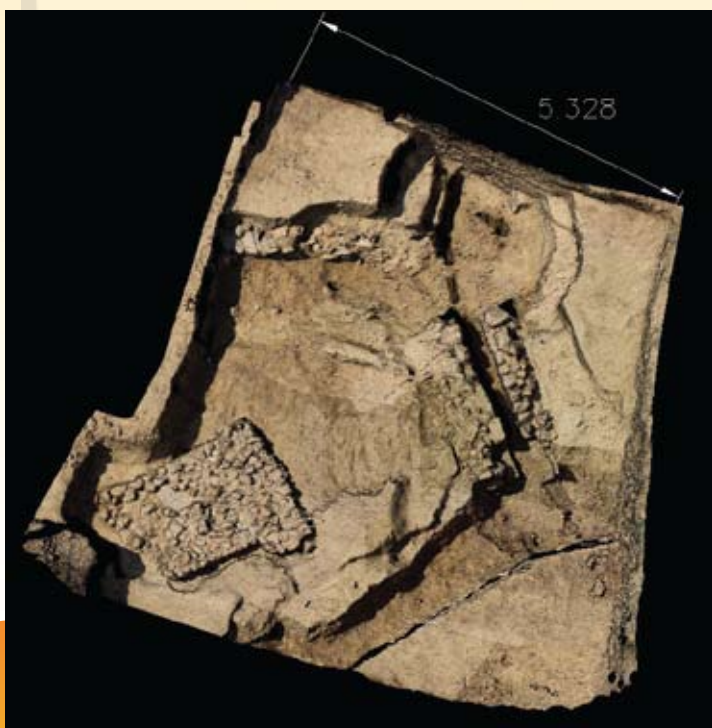
U-Map

IMMAGINI IMPORTABILI: SENZA LIMITE

BUNDLE AUTOMATICO DEL BLOCCO DI IMMAGINI

COLLIMAZIONE ASSISTITA GCP

RICOSTRUZIONE AUTOMATICA MODELLO 3D

MESH E TEXTURE

ZScan Evo application's fields are:
- architectural survey
- archaeological evidence
- documentation of Cultural Heritage
- 3d modelling
- restoration

The system is composed by:
- n1 digital camera Canon EOS 600D
- n1 tablet PC for remote control of the camera
- n1 metric topographic pole with support for the tablet
- n1 Zscan Evo software license, that includes modules:
* Capture (remote shutter and acquisition control)
* Check (pre-processing and images validation)
* U-Map (automatic processes for the reconstruction of 3d models from images)
* SiteManager (consultation and store of 3d project)

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