Infrared Camera Option

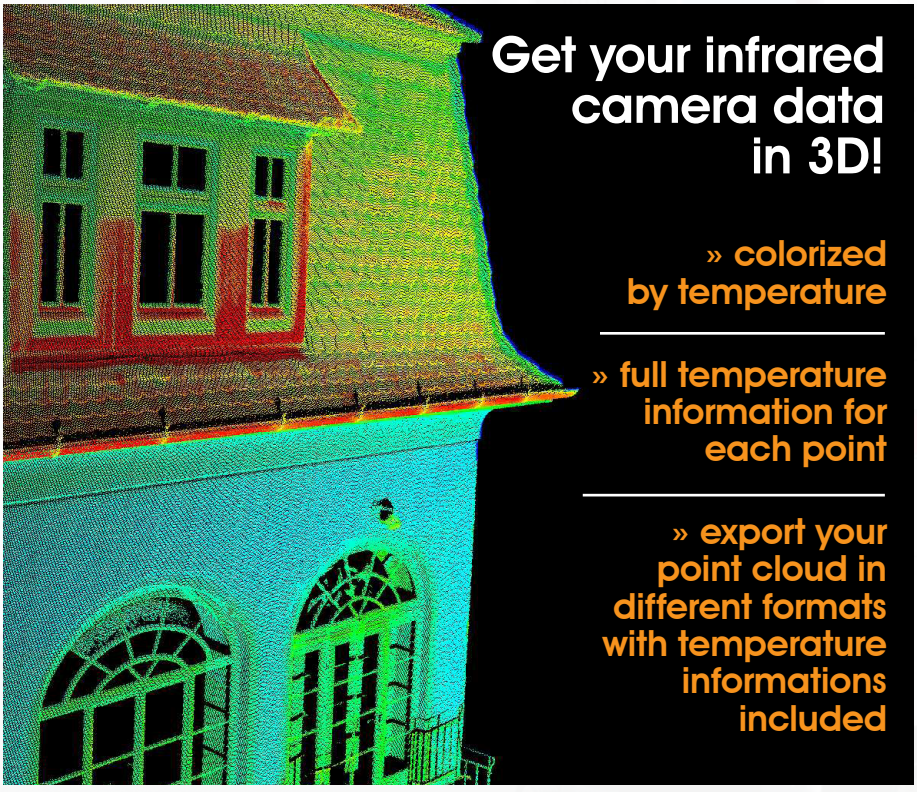
for *RIEGL* VZ-i 3D Terrestrial Laser Scanners

INFRATEC VarioCAM® HD head 900

» non-cooled industrial camera with 3.1 MPx (2.048x1536px) IR-resolution
» recording and storage of IR frame rates up to 240 Hz
» GigE and process interface
» rugged light metal housing (IP67)

Key Features

» **infrared camera system compatible with *RIEGL* VZ-400i and VZ-2000i 3D Terrestrial Laser Scanners**
» **calibrated mounting**
» **GNSS on top**
» **outdoor & indoor**
» **easy to use - graphical user interface integration**
» **no external power supply needed**
» **surface temperature range -40°C up to 2000°C**



Get your infrared camera data in 3D!

» colorized by temperature

» full temperature information for each point

» export your point cloud in different formats with temperature informations included

RIEGL VZ-400i with infrared camera mounted

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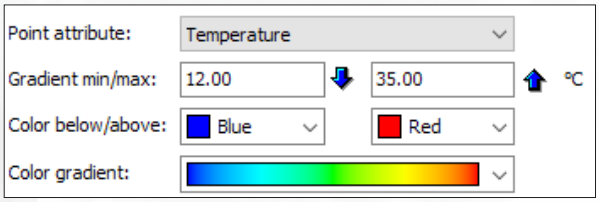
Infrared Camera Data in RiSCAN PRO

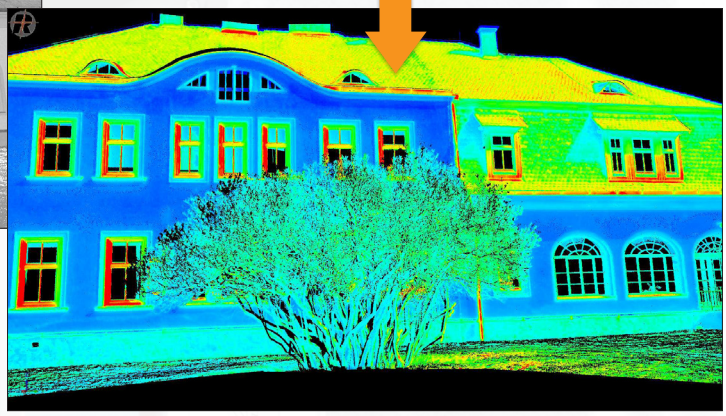
***RIEGL's* RiSCAN PRO** software is fully compatible and easy to use for colorization, read out temperature information and exporting your point clouds into different formats with the temperature attribute included.

point cloud colorization by temperature

» use option „view type" to provide temperature colored scan data

3D scan – reflectance colored

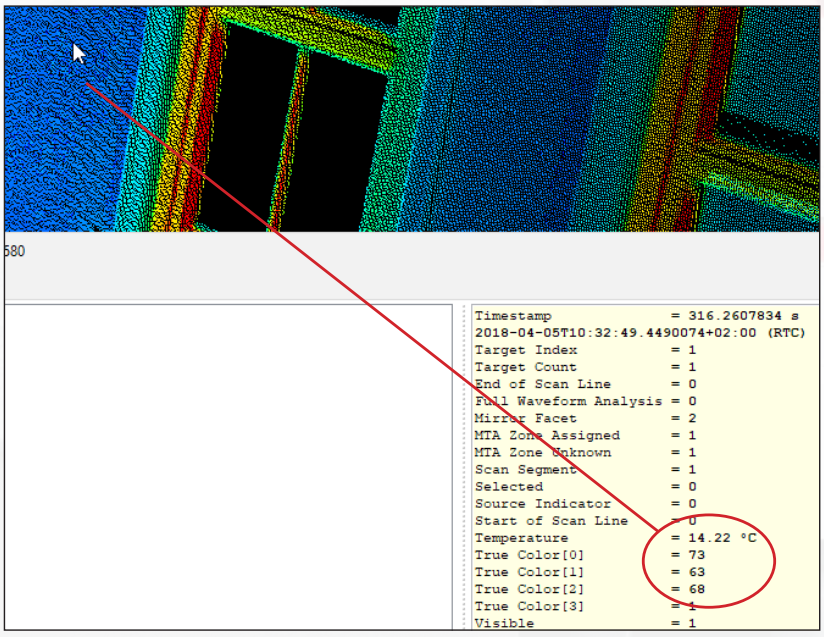




3D scan – temperature colored
(Data acquisition in the morning at lateral solar radiation)

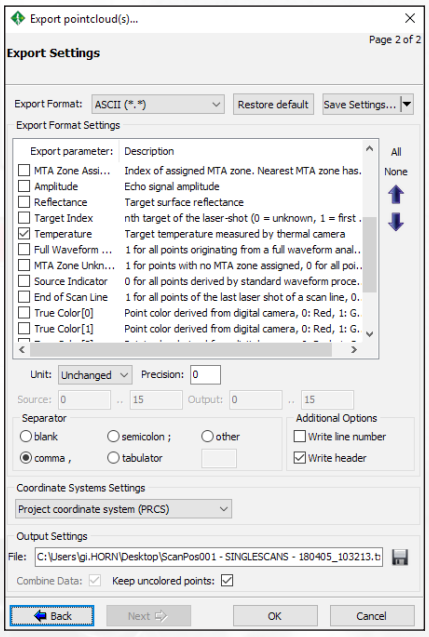
temperature value for each measuring point

» read out the exact temperature of each single point



export of highly informative data

» provide point clouds with the additional temperature attribute in various exchange formats



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