



Aerial image system

TeraSynth

Ultra high definition image display and processing system

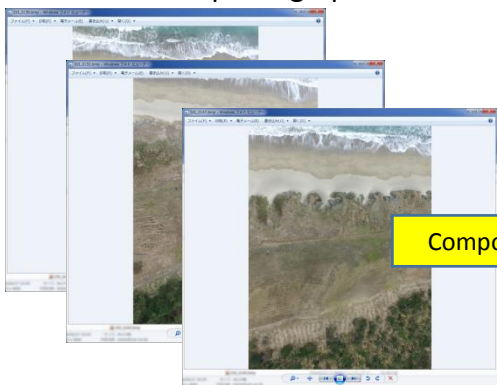
Ultra high definition imaging system of innovation to the world of new discovery



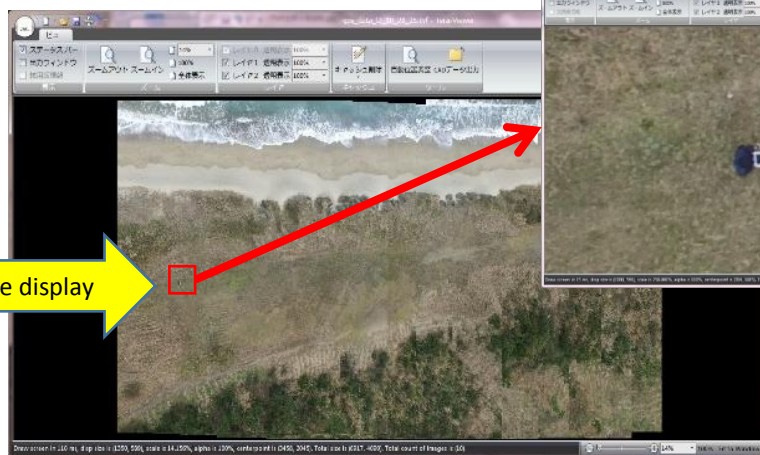
Display of ultra-high definition images by multiple image synthesis

- Overwhelming data display range
 - 1 pixel = **0.1 mm accuracy**, display of **30 m × 30 m** or more is possible
 - Composite display of 2000 images or more is possible
- Overwhelming large scale and high precision (It can display more than **90 billion pixels**)
- Overwhelming display speed

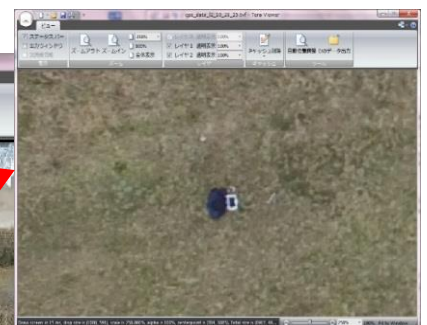
Aerial photograph data



Composite display



Super high definition display



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Features for aerial photography

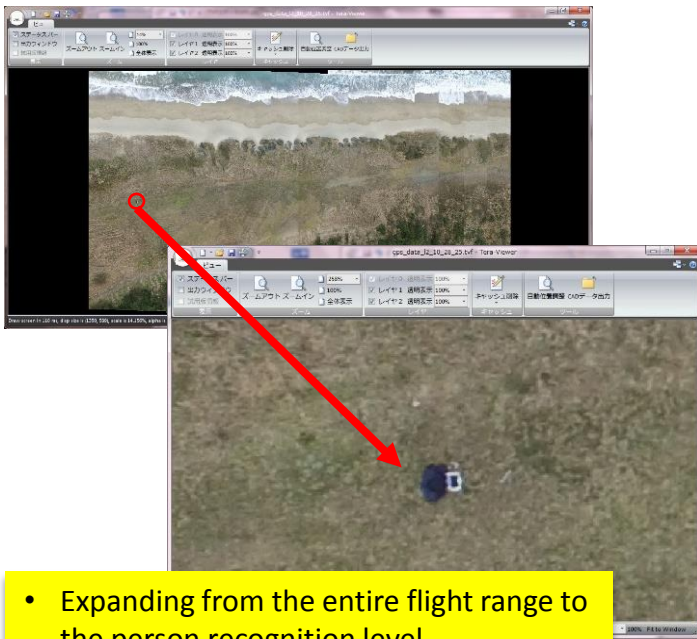


Exhibition:JDRONE



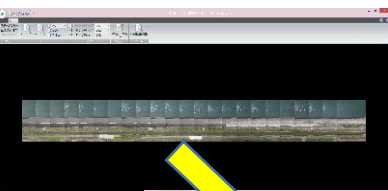
• Basic system

- Ultra high precision image display
- Layer overlap display
- Auto alignment function
- Image registration editor etc.

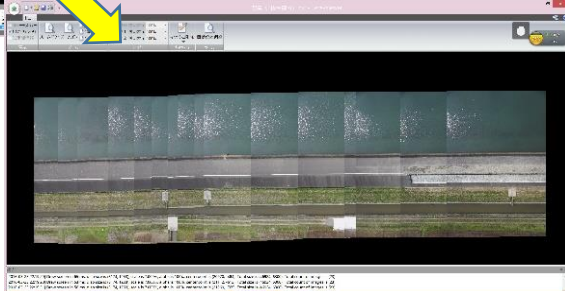


- Expanding from the entire flight range to the person recognition level
- Multiple flights can be superimposed

Shot in Drone



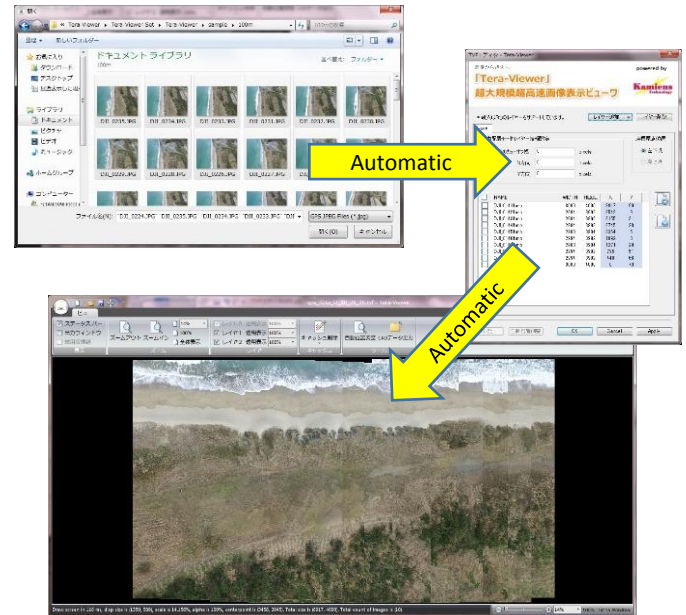
After automatic positioning



Auto alignment with aerial data

• Automatic image placement by GPS information

- For images with GPS information, automatic positioning and altitude correction
- If there is no GPS information in the image, it can be placed automatically in contrast to the flight log



• Aerial photographing system including drone body can be provided

- Can provide custom aircraft
- Pilot training / Flight procedure available



Exhibition:JDRONE

Drone aircraft manufacturer & Kamiens

• Automatic image correction (under development)

- Automatically correct the image and synthesize the image with the camera shake due to the aerial shots eliminated