move you forward

CTR16 – Radio Cap
long-range, secure
and fast wireless technology

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t | Store | Cpture | | Page

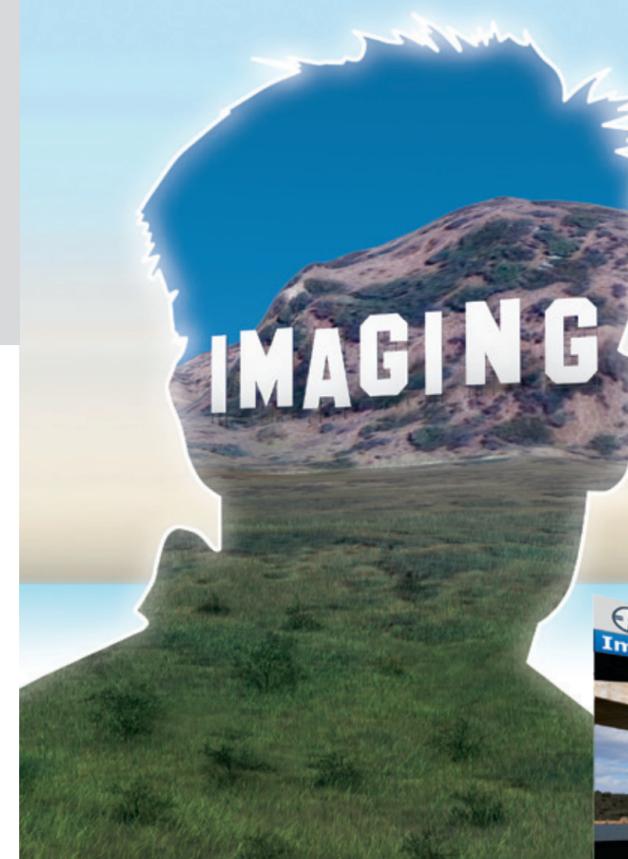**Leica**
Viva
imaging

Image assisted Surveying

With live streaming of the total station view, simply tap on the display and the total station will turn and measure to the desired target. Immediately visualize measured objects as you go.
Your benefit – measure all points without returning to the total station, and check all measured points and features overlaid on the image.

Leica CS15
Field Controller
with SmartWorx Viva

Smart Worx Viva

... let us inspire you

Leica Viva Imaging
Enrich your Surveying Workflow

Whether you want to stake-out an object on a construction site or you need accurate measurements of a tunnel or a bridge; whether you want to determine the area of a parcel of land or need the position of a power pole or to capture objects for as-built maps – you need reliable and precise data.

Leica Viva combines a wide range of innovative products designed to meet the daily challenges for all positioning tasks. The simple yet powerful and versatile Leica Viva hardware and software innovations are redefining state-of-the-art technology to deliver maximum performance and productivity. Leica Viva gives you the inspiration to make your ambitious visions come true.

When it has to be right.

Leica Viva
Overview brochure

Leica Viva GNSS
Product brochure

Leica SmartWorx
Viva
Product brochure

Leica Viva LGO
Product brochure

Leica Viva Uno
Product brochure

- when it has to be **right**

Leica
Geosystems

- when it has to be **right**
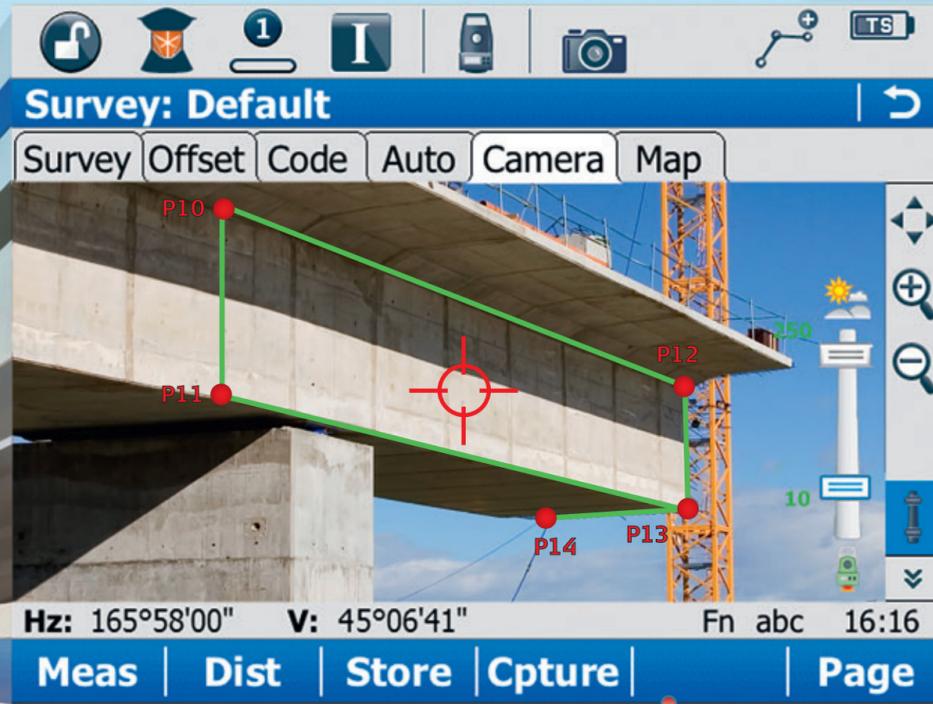
Leica
Geosystems

Your Vision: Images that tell the Survey Story

Welcome to Leica Viva Imaging
Enrich your Surveying Workflow

Leica Viva Imaging enriches your surveying workflow with visual documentation and productivity enhancements on both total station and controller.

RH16 – Radio Handle long-range, secure and fast wireless technology

Leica TS15I Imaging total station with SmartWorx Viva

Smart Worx Viva

IMAGING

Visualize your Measurements and add Value to your Survey Documentation

Capture

With a single button press, capture a high-resolution image of exactly what the total station sees, or even capture any screen shown on the display.
Your benefit – optimized productivity with exact photo documentation of site conditions to avoid paper field-notes & costly revisits.

Link

After capturing and sketching, the annotated images can be linked to any object of interest (point, line, area) or simply stored with a time stamp.
Your benefit – know exactly where images belong and archive them together with measurement data.

Visualize

Overlay points and features directly on the live image to exactly see the measured and remaining region.
Your benefit – what you see is what you get. Visually confirm completeness of your survey at any time in the field.

Panorama

Simply define a region, or 360° view, and the total station will automatically stitch images into a panoramic view.
Your benefit – a simple, convenient and fast way to completely document the survey environment.

Sketch

Any new or captured image can be enhanced through sketching with any colour, line style and width to uniquely transfer valuable information.
Your benefit – never again loose field-notes or struggle with drawing on wet paper.

Screen interface text

Survey: Default
Survey | Offset | Code | Auto | Camera | Map
P10 P11 P12 P13 P14
Hz: 165°58'00"   V: 45°06'41"   Fn abc 16:16
Meas | Dist | Store | Cpture | Page

Auto | Camera | Map
P12 P13 P14
Store | Cpture | Page

1.85 m
V: 45°06'41"   Fn abc 16:16

Image Notes
Hz: 165°58'00"   V: 45°06'41"   Fn abc 16:16
Store

... let us inspire you Viva