

SMARTPANO

360° Mobile Mapping made Easy

Designed to meet the rigorous demands of road corridor management, 4D Global's 360° mobile mapping solution delivers superior quality, flexibility, & robust durability essential for complex field applications.

Capture high-resolution spatial data across extensive road corridors efficiently, minimising the need for repeated site visits & equipping your team with a solution built to excel in challenging environments.

Affordable technology that redefines reliability & precision for outdoor mapping.

Why choose SmartPano for Road Inspections?

 **High-resolution 360° panoramic images**
Capture a current personalised "Street View" of your road for desktop use.

 **Rapid road assessment**
Capture once and share with stakeholders.
Ideal for Inductions, Asset & Environmental reviews.

 **Cost-effective**
Significantly more affordable than traditional mobile mapping systems, providing a faster ROI.

 **Fast & efficient data acquisition**, even in complex urban & rural road corridors - ideal for vegetation & infrastructure inspections. E.g. bridges, street lighting.

 **Easy to mount on vehicles**
The SmartPano is quick & easy to set up, ensuring smooth implementation on-site.

 **Compact & portable**
The system is small enough to be carried in hand luggage during air travel, making it ideal for remote road inspection projects.

 **Seamless integration** with existing GIS platforms.
Advanced 3D modeling & visualisation capabilities.

 **Local Tech Support** & much more!

Contact Us Today

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4Dglobal

Positioning 4 Success

SMARTPANO

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General Specifications

Total weight SmartPano Gen2:
5,6 Kg

Delivered in:
Custom case IP67

Recommended operating temp.:
-10 - 40 degrees celsius

Software:
SmartDelta MMS
(Mobile Mapping Software)

CAMERA SmartPano 8K 128 Gb (Android)

Size	44 x 44 x 127 mm
Weight	395 gram
Display	2.2" Touch Screen; Resolution 640 x 360
Lenses	4 x F2.28 A
Image Sensors	4 x 12Mp Sony CMOS Sensors
Resolution	Real-time Stitching 8K (7680 x 3840)
Collection	7 Fps / 1 Fps
Format	MP4 / MPEGTS
Coding Format	H.265 / H.264
Resolution	8K (8192 x 4096)
Format	JPG

Positioning Specifications

GNSS / INS: Xsens MTI 680 RTK;
Ublox ZED-F9p-02b (including SBAS)

GPS GNSS Mutli band Antenna:
NovAtel 42GNSSA-XTI

Interface:
USB3 USB2 Ethernet Wifi Hotspot
RS232/UART

Accuracy:
Centimetre level accuracy
(with RTK)