

3DR Launches Industry-first Thermal Imaging Solution for DJI M200 Series Drones



3DR (also known as 3D Robotics), makers of Site Scan, the UAV software platform for construction and engineering teams, has announced that Site Scan users can now capture and use structurally detailed thermal imagery on their projects. This is made possible through an integration with the DJI M210 dual gimbal drone, equipped with the Zenmuse XT thermal camera and the Zenmuse X4S, making it easy to capture and combine thermal and RGB imagery.

This capability is an industry-first: only Site Scan offers autonomous thermal mapping and modelling using this dual-gimbal solution with the XT camera, which is powered by FLIR Systems, a global leader in thermal imaging solutions.

Site Scan's unique ability to generate structurally detailed thermal point clouds is a brand new capability for the company's customers across engineering, construction, and mining, said Chris Anderson, 3DR CEO. Now, users can easily inspect buildings, structures, and utilities, map solar arrays, monitor concrete curing, and much more. It is an interesting step to see how 3DR customers put thermal imaging to work on their projects.

The impact of thermal data

The workflow is simple: Site Scan users just plan and execute their flight with the M210 equipped with the XT and X4S, and the imagery from both cameras will automatically upload to the cloud and turn into thermal maps and models using Pix4D's thermal processing capabilities.

Site Scan users can now also fly with the XT camera using a single gimbal on any of the DJI M200 Series drones (M200, M210, M210 RTK). This makes it easier than ever to perform thermal inspections: Site Scan users can either fly single gimbal autonomous surveys, or fly manually and tap any part of their iPad screen to get a temperature reading of a specific area.

As more enterprises deploy drones across their operations, many of them are realising the impact thermal data can have on their sites, said Jan Gasparic, head of enterprise partnerships at DJI. With the new thermal capabilities of 3DR's Site Scan platform, these enterprises have a seamless and automated way to transition from a DJI M200 Series drone out in the field to meaningful analytics of thermal data in the office.

To learn more about 3DR Site Scan, visit [3DR.com](https://3dr.com).