DJI DOCK SERIES

Being a pioneer in fully automated drone flights.

In your projects as client, contractor and construction supervisor

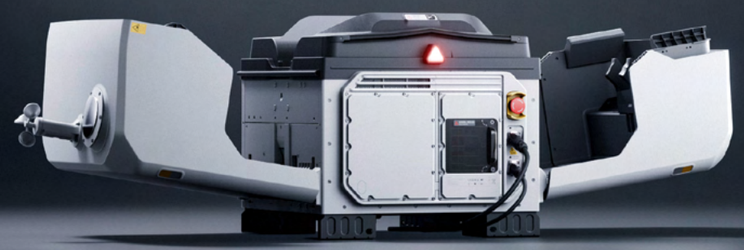




viscan | DJI ENTERPRISE AUTHORIZED RESELLER

viscan is the first service provider in Europe with official approval for the fully automated drone flight without visual contact.







viscan and the DJI Dock series make it possible.

Benefit from the advantages of fully automated drone flights.

Save up to 40 % time.*

More efficient use of personnel resources.

Rule-compliant construction monitoring from the home office.

Monitor multiple construction sites in parallel.

Reduce your CO_2 footprint.

* Depending on current processes and potential utilization.

The Ideal Solution for Automated Infrastructure Monitoring, Documentation and Surveying

> Construction Progress Monitoring

> Surveying and Volume Calculations

> Documentation for Clients and Construction Supervision

> Condition Assessment and Evidence Documentation

> Construction Site Monitoring Outside Working Hours

> Inspection of Critical Infrastructure

> Security and Incident Management

> Regular Data Acquisition for BIM and GIS Workflows

Benefits for Clients

- Up-to-date project status through automated drone missions
- Transparent construction documentation
- Faster decision-making based on current geospatial data
- Reduced CO_2 emissions through fewer site visits
- Unified data foundation for all project stakeholders
- Early identification of risks and deviations
- Centralized monitoring of multiple projects

Benefits for Construction Companies

- Time savings in documentation and surveying
- More efficient use of personnel resources
- Automated data capture based on predefined flight plans
- Faster volume calculations and progress tracking
- Fewer site inspections and travel requirements
- Improved collaboration with project partners
- Reliable basis for reporting, verification, and billing

Benefits for Construction Supervisors

- Remote access to up-to-date construction site data
- Simultaneous monitoring of multiple projects
- Faster verification of construction progress
- Complete historical tracking of project development
- Reduced travel and on-site presence requirements
- High-resolution imagery, video, and survey data
- Support for digital construction processes and BIM workflows
- Compliant and legally compliant*

* Does not apply generally. Manual testing and sampling are excluded.









DOCK 3 Technical features



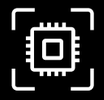
Master All Environments [1]



Flexible Deployment, Ultra-Long Transmission [2]



High-Performance Drones [3]



Efficient Operation With Intelligent Features



Enhanced Experience With Advanced Software



Secure and Compliant, Open Ecosystem

[1] Operating temperature from -30 °C to 50 °C. Drones are equipped with low-noise anti-ice propellers as standard. The drones can take off and land stably in wind speeds of up to 12 m/s. DJI Dock 3: IP56; Matrice 4D and 4TD: IP55.

[2] The new D-RTK 3 Relay Station allows flexibility in the location of the Dock 3. DJI Dock 3 is the first DJI Dock to support mobile, vehicle-mounted installation. Two Docks can be installed simultaneously on a single vehicle, significantly increasing efficiency.

[3] Matrice 4D or Matrice 4TD high-performance drones.









DOCK 4 Technical features

Ready in Seconds for Rapid Response

Multi-Sensor Integration for Greater Versatility

Built-In Radars for Reliable Flight

AI-Powered Workflow[1] for Intelligent Operations

Comprehensive Solutions With Integrated Software

Secure and Compliant for Safer Operations

[1] This means AI is involved in the key stages of the drone operation workflow, including task breakdown, flight route planning, drone deployment, object detection, data analysis, and report generation.

The Evolution of Autonomous Drone Operations

DJI Dock 3 vs. DJI Dock 4



Feature	DJI Dock 3	DJI Dock 4
Launch Year	2025	2026
Compatible Aircraft	Matrice 4D / 4TD	Matrice 5TD
Operational Concept	Autonomous 24/7 operations, fixed or vehicle-mounted	Fully autonomous 24/7 operations with automated battery swapping and continuous mission capability
Battery Management	Automatic charging inside the dock	Automatic battery replacement in just 25 seconds
Maximum Flight Time	Up to 54 min flight time / 47 min hover time	Up to 59 min flight time
AI Object Detection	Standard intelligent detection features	Real-time AI detection of 17 object categories
Sensor Suite	Visual cameras, laser rangefinder, thermal camera (4TD)	Integrated wide-angle, thermal imaging, LiDAR, mmWave radar and AI-assisted sensing
Obstacle Avoidance	Enhanced flight safety systems	3D obstacle detection using LiDAR, radar and six-directional vision system
Payload Capacity	Focus on integrated sensors	Up to 450 g payload capacity with multiple accessory mounting options
Data Transmission	O4 Ground Station, up to 30 km transmission support	Optimized transmission with approximately 43 % lower latency
Deployment Flex	Fixed or vehicle-mounted deployment	Enhanced performance near high-rise buildings, substations and multi-station roaming environments
Primary Applications	Inspection, surveying, public safety, critical infrastructure	Public safety, emergency response, utility inspection, industrial operations and continuous monitoring

Key Advantages of DJI Dock 4

Automatic Battery Swapping

DJI Dock 4 introduces fully automated battery replacement in just 25 seconds, enabling near-continuous operations with minimal downtime.

Advanced Multi-Sensor Intelligence

The Matrice 5TD combines thermal imaging, telephoto optics, LiDAR, mmWave radar and AI-powered analytics in a single platform.

Enhanced Flight Safety

A combination of rotating LiDAR, mmWave radar and six-directional vision sensing provides reliable obstacle detection, including thin structures such as power lines.

Longer Mission Endurance

With flight times of up to 59 minutes, larger areas can be covered per mission, reducing the number of required take-offs and landings.

AI-Powered Automation

Built-in artificial intelligence detects vehicles, people and other targets directly within the live video stream, supporting faster decision-making and more efficient operations.

Conclusion

→ DJI Dock 3
delivers a reliable autonomous drone-in-a-box solution with flexible deployment options, including fixed installations and vehicle-mounted operation.

→ DJI Dock 4
represents the next generation of autonomous drone operations, adding automatic battery swapping, longer flight times, advanced LiDAR and radar sensing, and AI-driven situational awareness. These enhancements make it an ideal solution for public safety agencies, critical infrastructure operators and industrial inspection programs requiring maximum uptime and automation.

When the drone learned to walk

viscan has been a pioneer for over 14 years when it comes to using innovative technologies to make infrastructure construction sites more digital.

Take advantage of our expertise now for fully automated drone flights.

Already in real operation on several construction sites.

The full-service package

Base

Installation

We install the system on site, put it into operation and draw up an acceptance report. This includes all prescribed test flights. Permit fees of up to € 900 are included in the price.

Service

In addition to the monthly provision fee and insurance, our service package also includes all necessary maintenance in accordance with the operating manual.

Operation

We control your construction site monitoring. Fully automated surveillance flights according to programming or at the “push of a button” for acceptance of construction work.

Add-On

Data-Processing

Choose your processing service. We offer a variety of integrations and proprietary solutions for automated point cloud generation.

Project coordination

Do you need support in coordinating your digital construction sites? We guarantee our customers efficient processing and comprehensive solutions for all aspects of surveying and documentation.

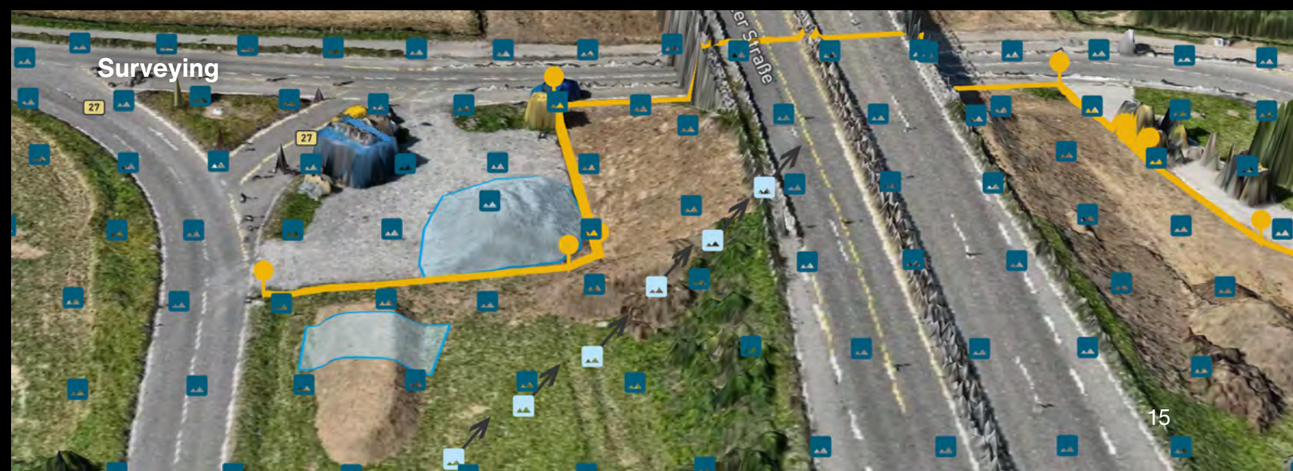
Construction supervision

Do you need a digital building supervisor to support your measures? We help with the evaluation and efficient handling of the collected data.









viscan – Solution provider for the digital construction site and BIM in practice.

Consulting and support in the planning, management, control, monitoring and documentation of construction projects: in civil engineering & road construction, sewer & pipeline construction and in civil & hydraulic engineering.

Products

> State-of-the-art surveying and documentation technologies especially for use on construction sites

> With us, you always get the latest equipment for your construction sites, which is best suited to your project

> All the products we sell include direct support from our technical teams

Consulting

> Product-neutral, project-related, individual advice

> Focus on the best solution for the project

> Based on over 11 years of practical experience

> Save time during realization and implementation

Your solution for the digital construction site

Services in the project

Implementation of hardware and software solutions for your own construction site management

Realization of the handling of the construction site:

> BIM overall coordination

> BIM management

> Technical coordination and coordination on the subject of surveying

> Support with the introduction of new technologies

> Verification management and interfaces to the topics

Trainings & seminars

> Customized for the customer and for the construction site

> Based on practical experience, immediately applicable

> Access and benefit from the possibilities of BIM LÄB

> Wide range of hardware and software training courses

> Right up to basic BIM training courses with buildingSMART certificate

> New from Q1 / 2027: Take our eLearning platform for BIM on the road – your everyday helper! Make your BIM models accessible to anyone, at any time on any device

Make a personal appointment for a DJI Enterprise consultation!

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