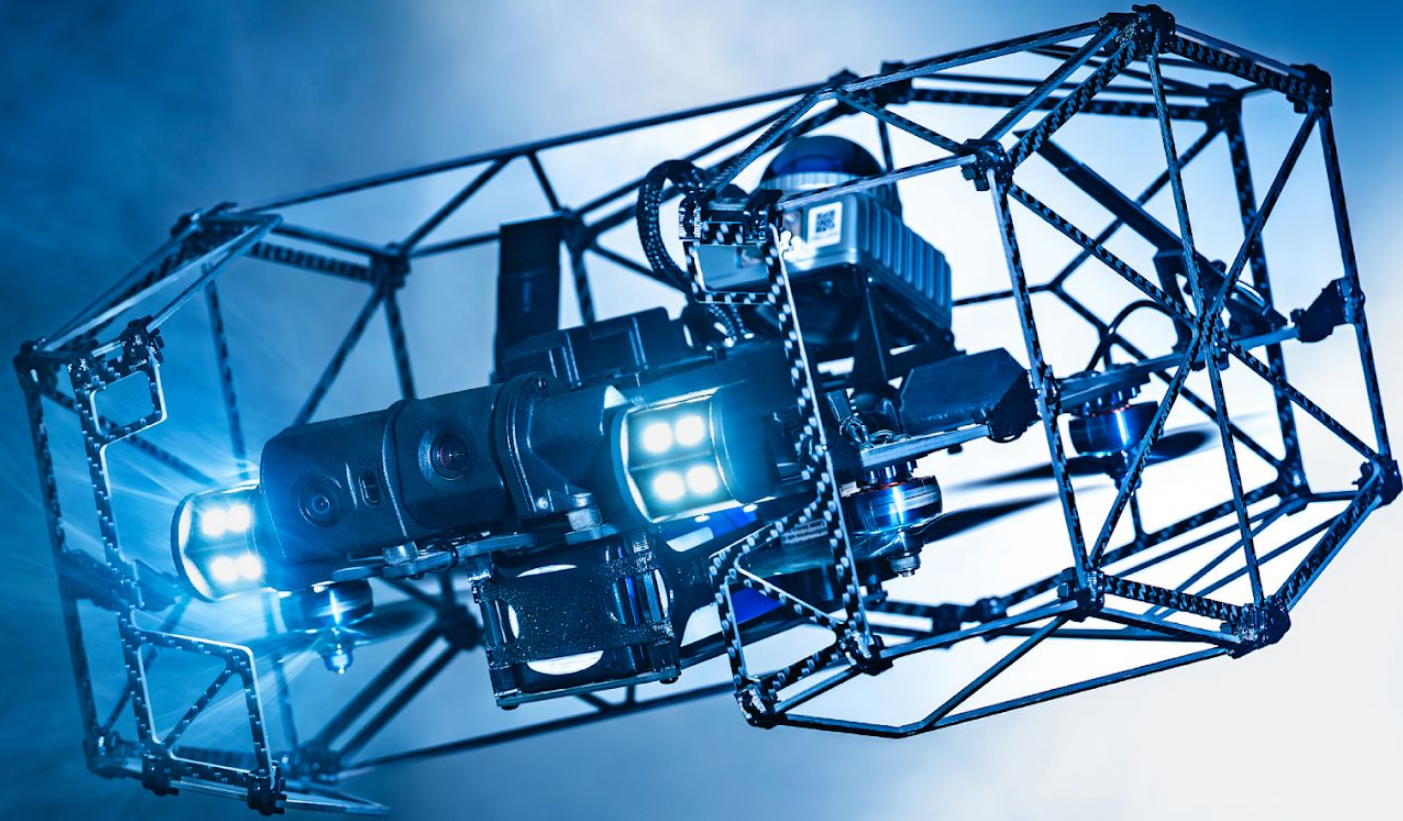
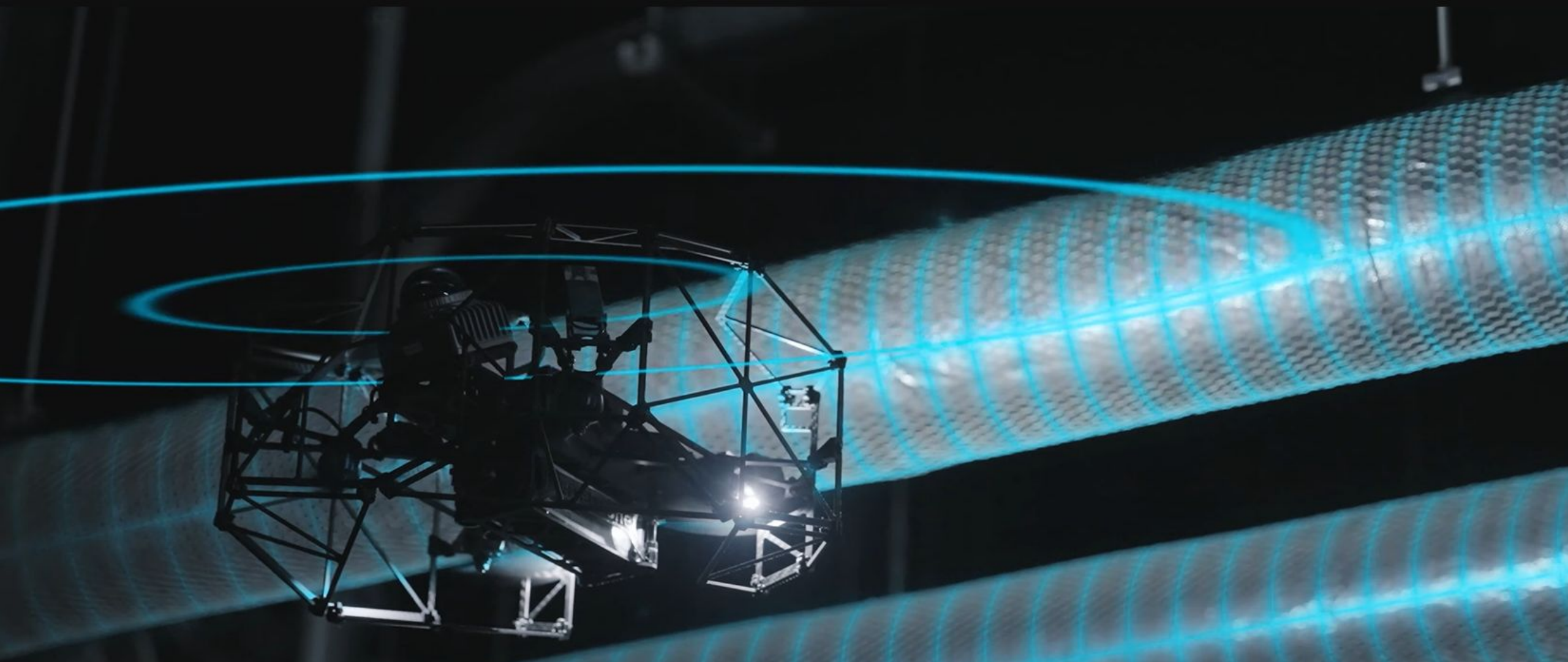




Terra Xross 1

Japan-Made Indoor Inspection Drone



Super-stable flight with simple operation even indoors

Brings a new dimension of stability to flight with its advanced Lidar system

**It is also equipped with a visual odometry sensor, enabling stable flight adapted to the environment.*



Super-stable flight with simple operation even indoors

Super-steady flight in cramped, dark, or dusty surroundings



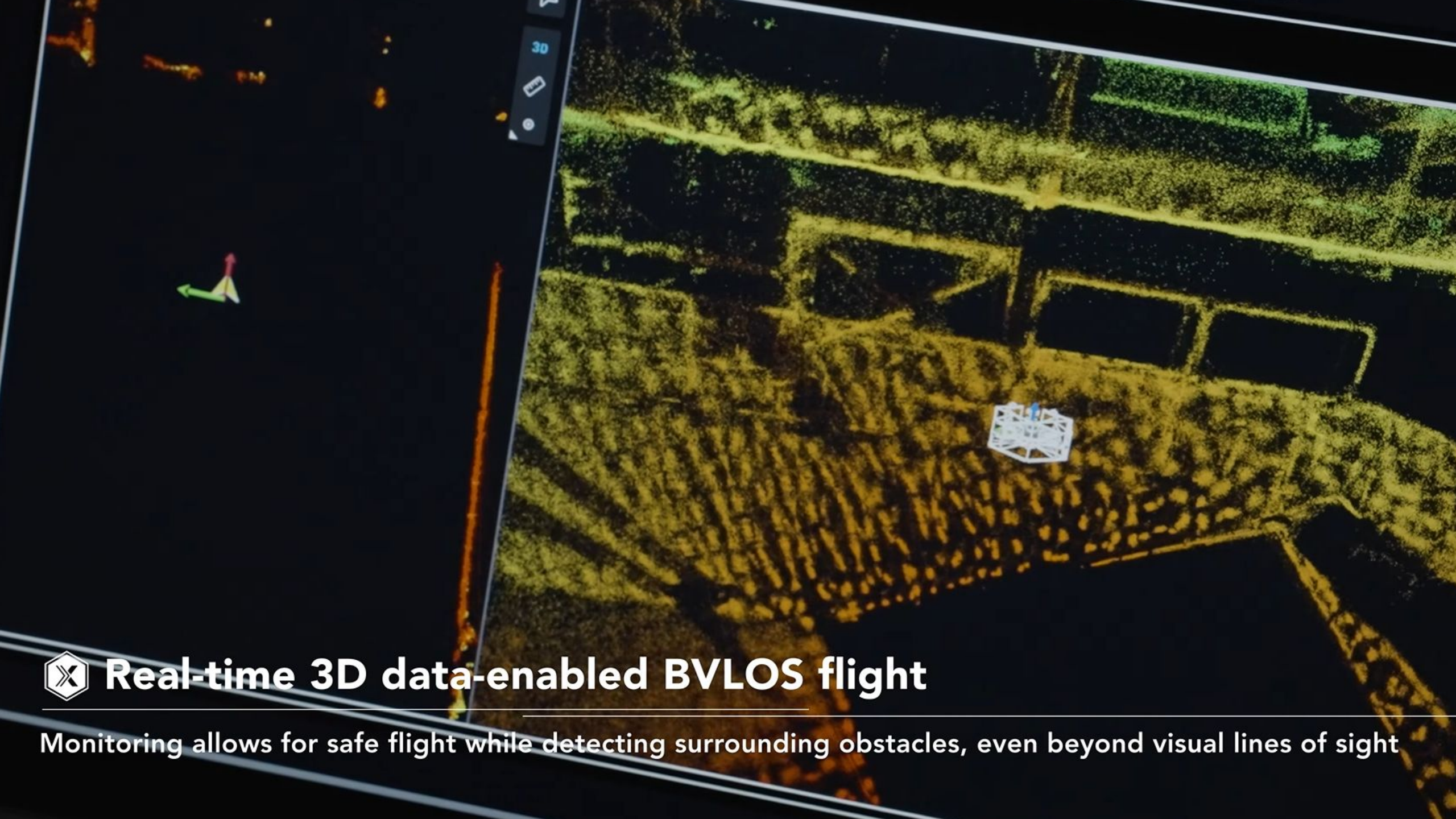
Super-stable flight with simple operation even indoors

Stable flight capabilities and protective cage keep the Terra Xross 1 steady and protected in case of impact



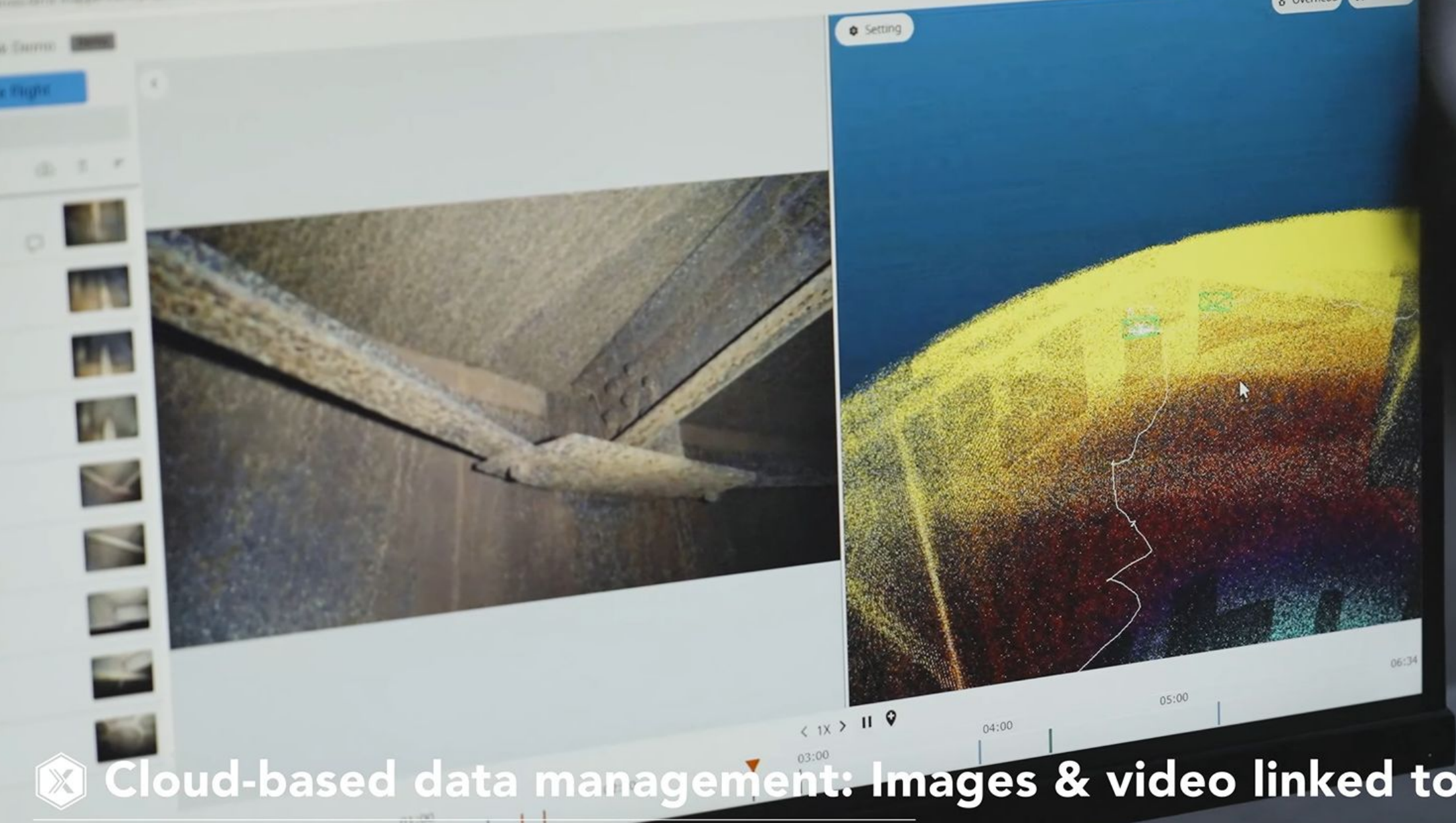
Real-time 3D data-enabled BVLOS flight

Monitoring allows for safe flight while detecting surrounding obstacles, even beyond visual lines of sight



Real-time 3D data-enabled BVLOS flight

Monitoring allows for safe flight while detecting surrounding obstacles, even beyond visual lines of sight



Cloud-based data management: Images & video linked to 3D data

Terra Xross Cloud makes data management more intuitive by allowing still and video images to be linked to 3D data, thus facilitating teamwork and data sharing with customers



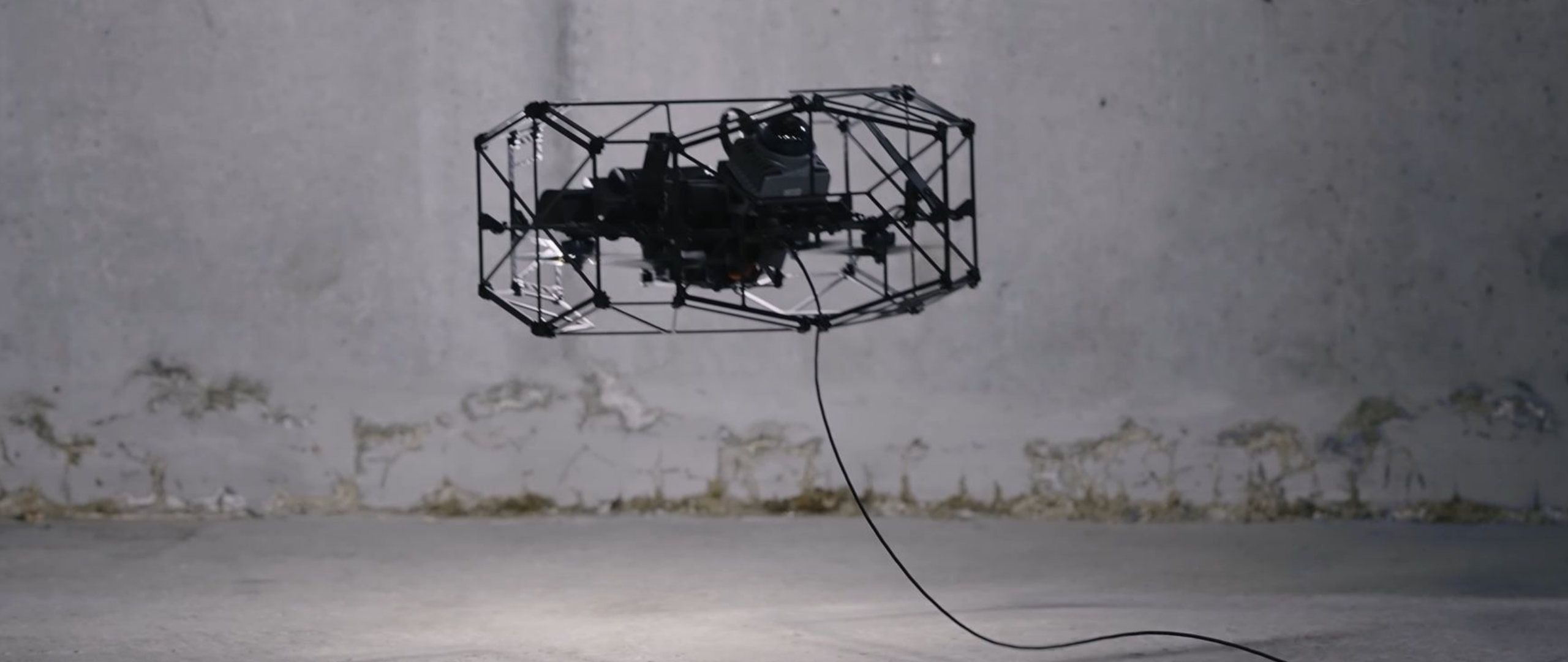
High-quality 4K 180° tilt camera and LED lighting

Terra Xross 1 features a 4K 180° tilt camera and LED lights for clear, bright footage even in darkness for sure detection of irregularities in inspections, etc



High-quality 4K 180° tilt camera and LED lighting

Terra Xross 1 features a 4K 180° tilt camera and LED lights for clear, bright footage even in darkness for sure detection of irregularities in inspections, etc



Tethering enables longer flight durations

Tethering to the power pack provides continuous power, preventing crashes due to battery depletion



Terra Xross 1 Specifications

Aircraft

Size	Width : 36cm Depth : 31cm Height : 21cm
Weight	1800g (Including a battery)
Flight Time	10 min
Max Flight Speed	2.5m/s
Wind Resistance	3m/s
Operating Temperature	0°C~45°C
Operating Frequency	2.4GHz ISM

Light

Light Output	10,480 lumen(Max)
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Camera

Sensor	1/1.7-inch, 8MP
Video Resolution	4K(3840×2160)
Control Mode	Auto mode White Balance :Auto

Lidar

Laser Safety	Class 1
Range	40m @10% reflectivity 70m @80% reflectivity
Range precision	2cm @10m
Point Rate	200,000 points/s
Frame Rate	10 Hz