

# E-Mobility

Securing workflows, improving processes and increasing profits with intelligent MOBOTIX video technology

## Effective overall solutions for all companies in e-mobility

- General safety
- Certified fire protection
- Process optimization
- Access control
- Remote monitoring



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[www.mobotix.com](http://www.mobotix.com)

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## 1 General safety

Many e-charging stations are located on the outskirts and have dark areas. Visible video systems deter potential offenders, give the user a sense of security and protect effectively.

- *Vandalism, robbery, and theft protection*
- *Detect loitering*
- *Prevent or resolve theft of charging cables*
- *Trace accidents and damage*

## 2 Process optimization

Cost efficiency, good utilization, high customer satisfaction, and low downtime make charging stations profitable. MOBOTIX video technology can contribute to this.

- *Detect operating errors and intervene (audio/announcement)*
- *Maintain customer friendly ambiance*
- *Statistics and market research based on vehicle data (origin/license plate, make)*
- *Restrict unauthorized blocking (e.g., no e-vehicle).*
- *Preventive maintenance (e.g., on-site energy storage)*

## 3 Access control

Controlled access via video-based license plate recognition with permit lists increases safety, enables documentation, and generates marketing data.

- *Automated barrier opening*
- *Vehicle documentation*
- *Prioritization of regular customers*

## 4 Remote monitoring

Numerous e-charging parks are operated with a small staff or entirely autonomously. This resource-saving operation is only possible with video technology.

- *24/7 overview from anywhere (e.g., via Cloud)*
- *Multi-location (e.g., franchise) overview in parallel*
- *Conserve resources and save costs (smaller staff, no patrols, no servers)*

## 5 Certified fire protection

Fires are dangerous, especially when batteries are involved. The resulting downtime is also a massive problem for operators. This is why qualified fire protection is so important.

- *Fire protection during charging, e.g., for vehicles with batteries on the roof (buses)*
- *Protection of stationary energy storage systems (overvoltage, overheating, thermal runaway)*
- *MOBOTIX thermal technology is quadruple fire protection certified*

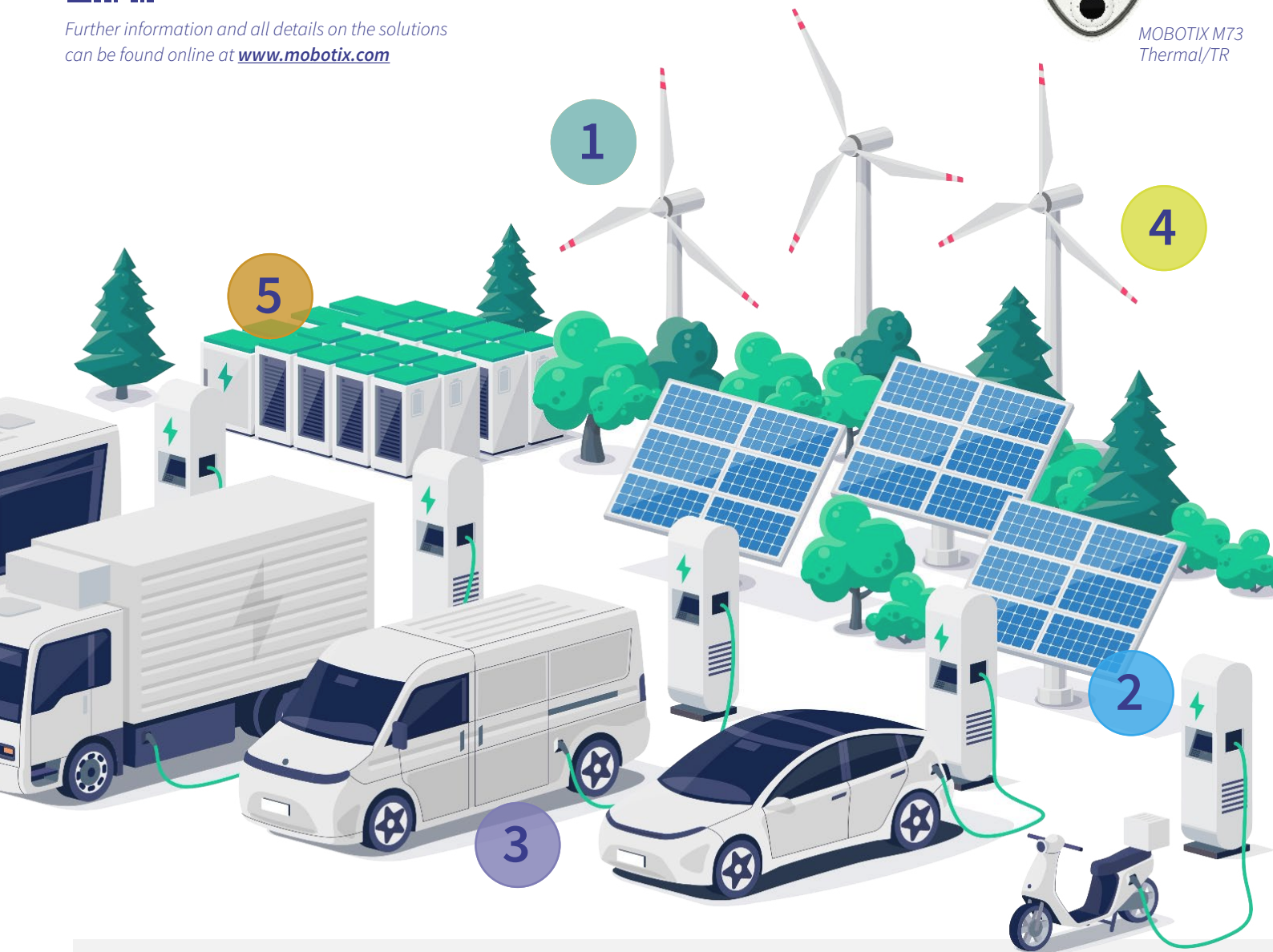




Further information and all details on the solutions can be found online at [www.mobotix.com](http://www.mobotix.com)



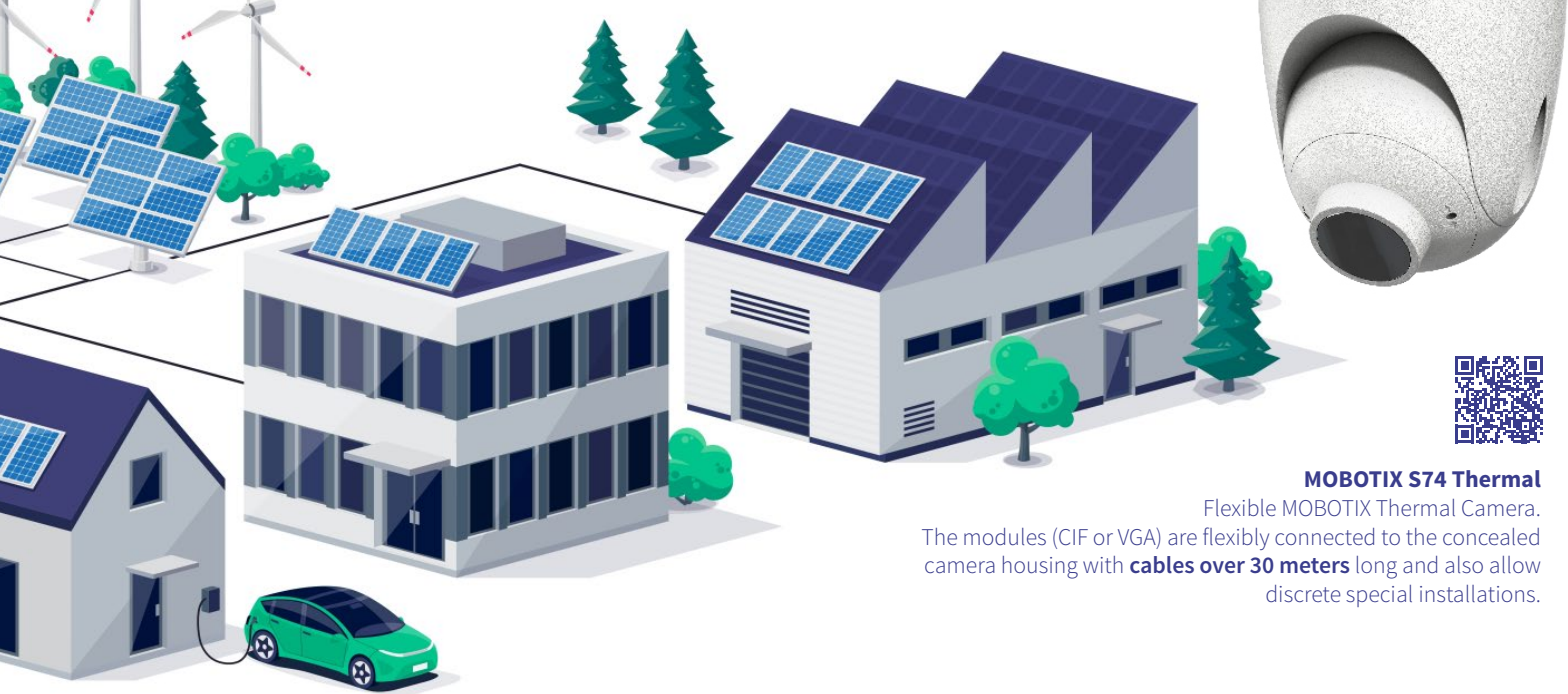
MOBOTIX M73  
Thermal/TR



## MOBOTIX Advantages More visibility, more security, higher profitability

- Focus on the best ROI (Return on Investment)
- Effective: Few cameras cover large areas
- Data acquisition, linking, and analysis for process optimization
- Reliable 24/7 remote overview (MOBOTIX HUB and CLOUD)
- Certified fire protection (VdS, EN 54-10, CNPP, PBST)
- Excellent image quality day & night
- Robust and weather resistant (Mean Time Between Failures > 9 years)
- **Made in Germany:** Highest cyber security & NDAA compliant





### MOBOTIX S74 Thermal

Flexible MOBOTIX Thermal Camera.

The modules (CIF or VGA) are flexibly connected to the concealed camera housing with **cables over 30 meters** long and also allow discrete special installations.

## Sustainability as part of the MOBOTIX DNA

The expansion of e-mobility and demand-based storage of electrical energy will shape the coming years. Durability, careful use of resources, and the development of energy-efficient products and solutions are also part of the MOBOTIX DNA.

MOBOTIX IoT cameras process what they see in the camera itself. They do not require any additional energy-consuming servers or storage devices. The robust MOBOTIX cameras do not require fans or heating in a temperature range from -30°C to 60°C. With the hemispherical and multi-lens cameras, few cameras can do that where several individual devices were previously needed. This is efficient.

## Intelligent video technology solutions Made in Germany

MOBOTIX is a holistic solution provider for video-based security, process monitoring, and analysis. We develop high-quality, decentralized, energy-efficient systems that save our customers money at the same time.

Our motto **BeyondHumanVision** is also our mission: MOBOTIX is committed to being the most reliable company that protects people and assets through intelligent, cyber-secure video technologies beyond human vision and also creates tangible added value. Supported by artificial intelligence, MOBOTIX video technology can provide valuable data that can contribute to process and revenue optimization for companies.

MOBOTIX video systems consist of robust, high-quality components - **Made in Germany** - assembled by hand and put through their paces at our production site in Langmeil.

**Rely on MOBOTIX!**



### Your contact:

Talk to us.  
We are happy to help you.

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