

KAMEA IOT

Device management platform

to quickly connect your devices and build custom apps

Fleet monitoring

User & data management

API first

Total distance

Battery level

Pre-built IoT device management hub

Device management

Pre-built back-end for remote device configuration, provisioning, management & update

User & data management

Pre-built back-end for users, access & permissions management for enhanced security

Embedded agent

Native C++ agent to implement embedded features (updates, logs, state, and more)

Secure

Secure by design development. Complete security documentation.

Extendable by design

RESTful API database and documentation to help you create your own business applications

No vendor lock-in

Full source code, technical documentation and CI provided

API-driven architecture for full flexibility

Internal device management

Services for your customers

Front-end extension

Built by your team to fit your requirements

Business apps

Built by your team to fit your use cases (web & mobile)

Device management front-end

With all essential settings

Back-end

Hosted on your cloud infrastructure

Integrations

With your other external systems

Built-in features

User & groups

- User management & organization
- Authentication support with OAuth2 standards
- API keys for consumption by back-end services

Role & permission management

- Fine-grained permission level
- Pre-built & custom roles
- Manual & bulk role assignment

Tenant management

- Tenants to ensure data segregation
- Device, user, role and permission per tenant

Telemetries & data

- Timeseries-oriented database to ease data analysis
- Telemetries upload with standard & custom formats (json, protobuf, etc)
- Server-less data ingestion

Hosting infrastructure

- Deployed on your own infrastructure
- Using your database
- Raw MQTT support
- Supports native PAAS Azure, AWS & on-premise cloud deployment
- Infrastructure monitoring service (optional)



ON-PREMISE

Device management

- Device creation
- Standard and custom device types
- GPS position, customer serial number, QR Code, metadata
- Device connectivity state
- Tags support

Device provisioning

- Multiple ingestion protocol supported (MQTT, HTTP, IoT hub)
- Custom protocol integration

FOTA / OTA update

- Upload of firmware files
- Firmware types by device

Campaigns

- Bulk operations
- Desired & reported values
- Monitor the state of your device fleet

Custom web & mobile app kit

- Business application canvas
- Provided components and services to reuse
- Angular Web application

Embedded agent

- Dedicated embedded application
- Communication, features and security enablement

API first

- Complete Swagger documentation



Compare Kamea with other IoT device management solutions

[Download the whitepaper](#)