01 / PREPARE

System requirements

Choose your operating system and confirm the host meets these requirements.

Windows

Windows 11 / Windows Server 2025 or later

RESOURCE	MINIMUM	RECOMMENDED
RAM	32 GB	32 GB
CPU	4 cores	8 cores
Storage	200 GB SSD	1 TB SSD
Optional backup storage (NAS)	200 GB HDD	2 TB HDD

Requires a native Windows machine. VM installations are not supported.

Linux

Ubuntu 24 LTS / Ubuntu 26 LTS / Red Hat Enterprise Linux 9

RESOURCE	MINIMUM	RECOMMENDED
RAM	16 GB	32 GB
CPU	4 cores	8 cores
Storage	100 GB SSD	1 TB SSD
Optional backup storage	200 GB HDD	2 TB HDD

Ubuntu is the preferred and tested Linux platform. Red Hat Enterprise Linux (RHEL) may also be used.

02 / CONNECT

Network & platform access

Review application ports, host management access, and Linux platform settings.

Application interfaces

PORT / PROTOCOL	PURPOSE	SECURITY & AUTHENTICATION
443/tcp HTTPS	Web interface and REST API	TLS 1.2 / 1.3 Application session; MFA where enabled
30883/tcp MQTT over TLS	Device connections (broker port 8883)	TLS 1.2 / 1.3 X.509 client certificate required

Host & platform management

These interfaces are exposed by the platform. Customer controls govern access.

PORT / PROTOCOL	PURPOSE & ACCESS
22/tcp - SSH	Host administration
6443/tcp - HTTPS	Kubernetes API
10250/tcp - HTTPS	Kubernetes control plane and metrics collection. External access is not required in any deployment; AKCP recommends blocking it. For multi-node deployments, allow access between cluster nodes.

Linux platform notes

SELinux can remain in enforcing mode. Install the standard k3s-selinux and container-selinux packages, as covered by the installation procedure. No custom policies are required.

Firewalld: Permit the ports listed in the installation documentation. Refer to the Quicklime security documentation for the required firewall-cmd rules.

03 / INTEGRATE

Optional outbound connections

Enable only the integrations required for your deployment.

> **Outbound connections are off by default**
>
> Quicklime does not initiate outbound connections in its default configuration. Each integration requires administrator configuration in the application and an egress rule.

DESTINATION / PORT	PROTOCOL & PURPOSE	SECURITY
Directory service **636/tcp**	LDAPS User authentication	TLS
Directory service **389/tcp**	LDAP User authentication	None, or STARTTLS
Mail server **587 / 465 / 25**	SMTP Email notifications	STARTTLS / TLS
SNMP agents & devices **161/udp**	SNMP get / set Third-party polling and control	V1, v2 or v3
SNMP trap receiver **162/udp**	SNMP trap Outbound notifications	V1, v2 or v3
Modbus devices **502/tcp**	Modbus TCP Polling third-party equipment (PDUs, UPS, etc.)	Protocol provides none

All integrations above are supported and are not configured by default.

Container registry / 443/tcp / HTTPS + TLS

Docker image retrieval for installation and upgrades only. Can be disabled in air-gapped environments.

AKCP internal log analysis / 443/tcp / HTTPS + TLS

Remote application log forwarding is supported but not enabled. It can be configured temporarily.

04 / INSTALL

Install & start your trial

Follow the steps for your operating system, then sign in to Quicklime.

Windows installation

1. Watch the installation video youtu.be/mwlaIlV4JTU

2. Download Quicklime for Windows

https://cdn.quicklime.dev/Download/Quicklime-latest-windows.zip

3. Unzip the download and run installation.exe with Windows administrator privileges.

Linux installation

1. Watch the installation video youtu.be/IsoaxS5Yph8

2. Open a terminal or connect via SSH, then download:

```
curl -fSLO https://cdn.quicklime.dev/Download/quicklime_latest.sh
```

3. Wait for the download to complete, then run:

```
sudo bash quicklime_latest.sh
```

FIRST LOGIN

Username: admin **Password: public**

Your 3-month free trial

500	10	5	25
Sensor data points	DCIM racks	IP cameras*	Access control users

*IP cameras are available on Linux only.

After 3 months, Quicklime reverts to the free tier unless you have purchased a valid license. License codes expire 7 days after issue. Install and run Quicklime on the trial before requesting your code.

Expired license code? Contact sales@akcp.com

Explore the Quicklime training video playlist