

IPerCom / IPerCloud – Technical Summary and Design Guidelines

1. IPerCom – Serverless vs Server-based Mode

Item	Serverless (no server)	With Server
Maximum number of devices	1,000	4,000
Maximum number of users*	1,000	10,000
Event log (view + CSV export)	Not available	Available
Automatic configuration backup (USB)	Not available	Available
Firmware update via server	Not possible	Possible if configured
Concurrent calls	Depends on LAN bandwidth	Depends on LAN bandwidth
Bandwidth consumption per call	~2 Mbps	~2 Mbps

* Users include residents and authorised external personnel (security services, cleaning staff, maintenance personnel, etc.).

2. IPerCloud – Server Requirement

Scenario	Server required
System with IPerCloud apartments only, no calling stations, and at least one concierge unit 1060/41	Yes – at least one Server 1060/1 required

3. IPerCloud – Serverless Mode Limits

Outdoor station type	Code	Maximum IPerCloud apartments
Modular entrance panel	1060/48 1060/48T 1060/16	200
Outdoor station	1060/33 1060/34	32
Outdoor station	1060/21	20

Elekta is not supported as an outdoor station in IPerCloud serverless mode.

4. Concurrent Calls – Technical Considerations

Parameter	Description
Concurrent calls	Depends on available LAN bandwidth and Internet connectivity
Typical reference bandwidth	100 Mbps

Bandwidth consumption per call	~2 Mbps
--------------------------------	---------

Notes

- In IPerCloud mode, Internet connection quality (latency, stability and uplink capacity) directly impacts call reliability.
- Serverless IPerCloud mode is suitable only for small and simple systems.
- For scalability, redundancy and operational flexibility, the use of a server is strongly recommended.