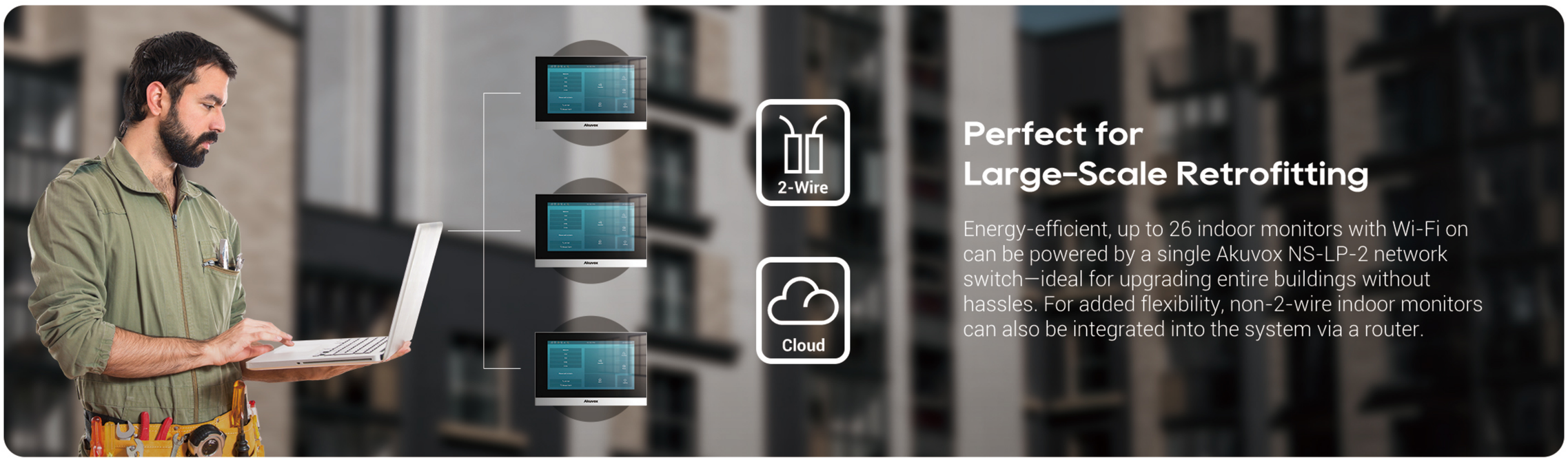
Akuvox
Open A Smart World

Retrofit Entire Buildings with Akuvox 2-Wire Cloud Intercom Solution

- Single power supply required for the whole system
- Space-saving design ideal for limited installation areas
- Reusing existing 2-wire cables, eliminating costly rewiring

Highlights



Perfect for Large-Scale Retrofitting

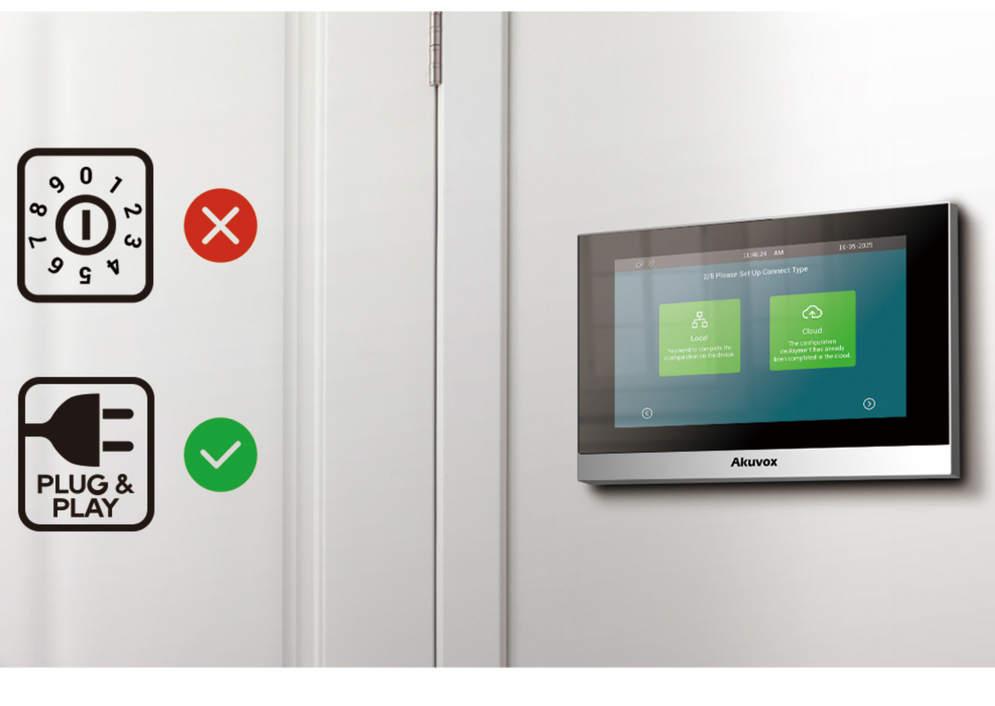
Energy-efficient, up to 26 indoor monitors with Wi-Fi on can be powered by a single Akuvox NS-LP-2 network switch—ideal for upgrading entire buildings without hassles. For added flexibility, non-2-wire indoor monitors can also be integrated into the system via a router.

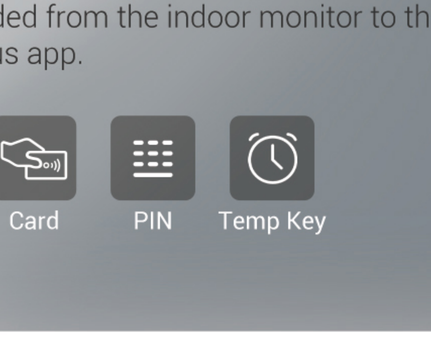
Effortless Deployment

Designed with installers in mind, Akuvox simplifies setup for both local and cloud deployments with true plug-and-play convenience—no more room paring via twisting knobs!

Local
Simply configure room details and pair indoor monitors with door phones on the indoor monitor interface.

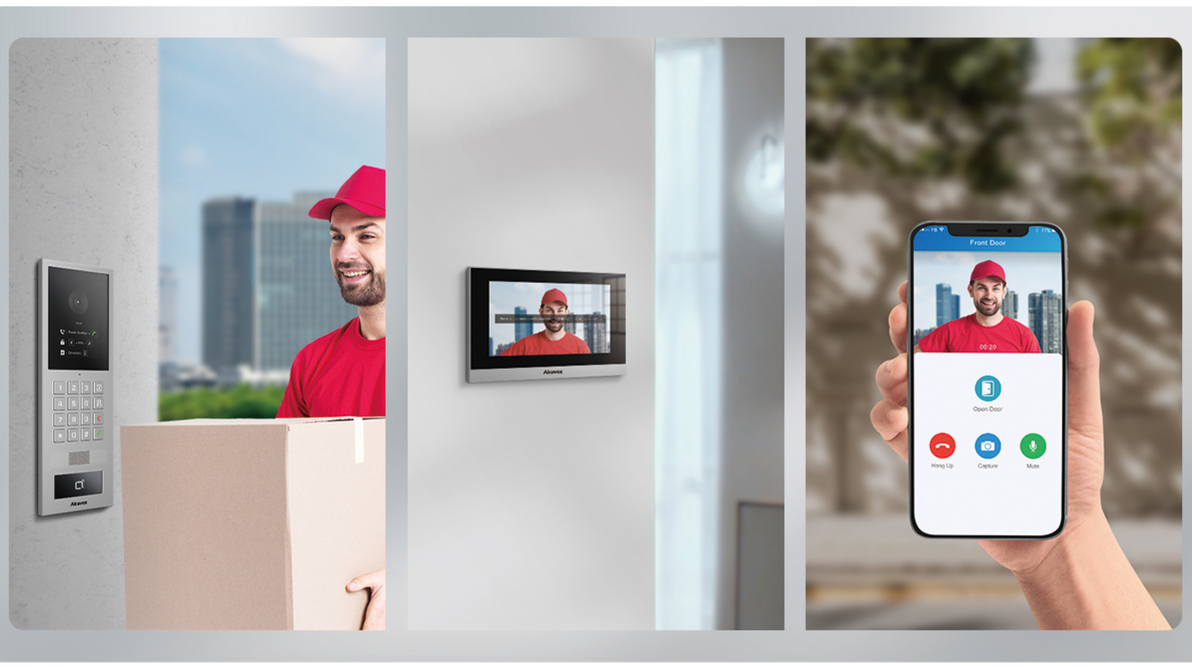
Cloud
All configurations are pre-set in the cloud before the products leave the factory. Just power them on.





Elevated Intercom Experience

With the upgrade to smart intercom, users can not only enjoy flexible access control options but also answer calls and unlock doors from anywhere. Even if the door phone itself lacks internet connectivity, intercom calls can still be forwarded from the indoor monitor to the Akuvox's SmartPlus app.



QR Code | APP | Card | PIN | Temp Key

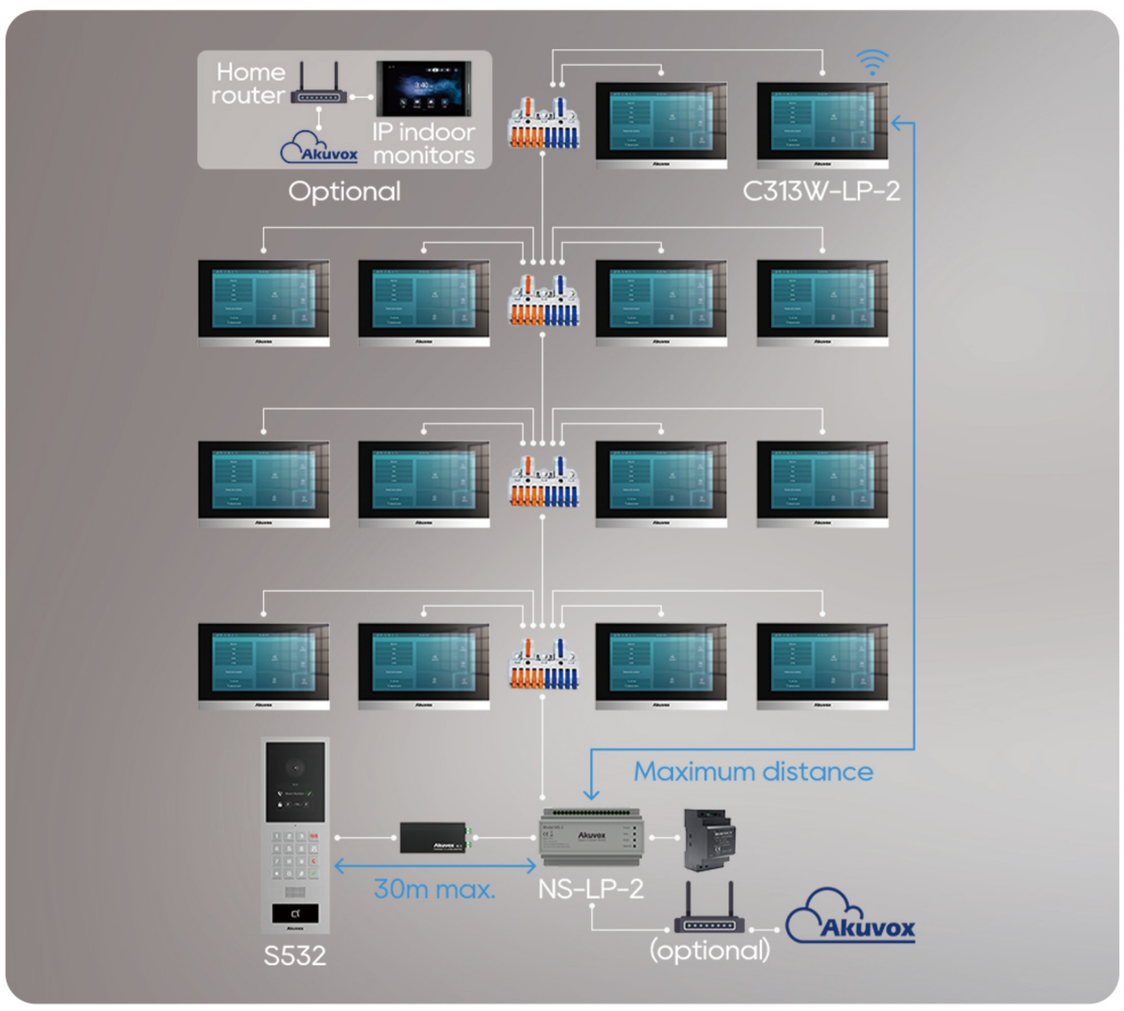
Solution Overview





Solution Topology

Star Connection



Daisy Chain Connection



- Akuvox's IP indoor monitors connect seamlessly using existing home internet—no new wiring or rewiring needed.
- Akuvox's NS-LP-2 network switch can connect and power up to 26 units of C313W-LP-2 with Wi-Fi enabled.

Cable specification	Number of C313W-LP-2: Wi-Fi-enabled concurrently	Max distance: NS-LP-2 to farthest C313W-LP-2
24AWG Φ0.22 mm²	10 devices	80m
	20 devices	40m
	26 devices	/
20AWG Φ0.51 mm²	10 devices	245m
	20 devices	110m
	26 devices	45m
18AWG Φ0.81 mm²	10 devices	280m
	20 devices	155m
	26 devices	100m

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