



INDITION CYCLE COUNTS

Cycle Counts

Feature List — everything the offline counting companion for Indition Inventory does, at a glance.

Feature List · Indition Cycle Counts 1.0.0 · September 6, 2026



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At a glance

AREA	CAPABILITY
Platforms	Native iOS and Android application
Connection	Works fully offline while counting; connects to sync
Capture	Camera barcode scanning, manual code entry, typed quantities, optional voice
Coverage	Eight count types, one to many locations per session
Integration	Counts become ordinary Indition Inventory cycle count documents

Connection and access

FEATURE	DETAIL
System address setup	Enter your Indition address once; the app enforces HTTPS
Existing account sign-in	Uses the same Indition credentials and login as the native POS app
No account creation	The app never registers accounts and never stores a password
Permission-aware	Server checks Inventory cycle count permission on every request
Secure session storage	Session held in the iOS keychain / Android keystore, unlocked device only
Idle lock	Locks after five minutes in the background; biometric or passcode to resume
Multi-account devices	Data is scoped per account and per system; users cannot see each other's counts
Change system	Repoint the app at a different Indition installation
Continue offline	Dismiss a reconnect prompt and keep counting
Sign out without data loss	Local counts survive sign-out and are there when the same account returns

Catalog

FEATURE	DETAIL
Full catalog download	All SKUs and barcodes, including unstocked items and items with no store mapping
All warehouses in one download	One catalog covers every active warehouse and location
Progress display	Live <code>downloaded / total SKUs</code> figure while downloading
Resumable download	An interrupted download continues from its saved cursor
Delta refresh	Only products that actually changed are transferred on a refresh
Forced full refresh	"Download Fresh Copy" rebuilds the catalog from scratch
Completeness guard	A partial download can never replace a working catalog
Catalog retention	A catalog stays available to any unfinished count that uses it
Storage visibility	Local database size shown on the Sync Catalog screen
Read-only by design	Catalog sync never uploads counts

Starting a count

FEATURE	DETAIL
Warehouse picker	Skipped automatically when there is only one warehouse
Location picker	Tick one, several, or Select All Locations, with a live selection total
Single-location shortcut	A warehouse with one location skips the picker
Duplicate-count guard	Refuses a second count at a location that already has one open
Change area	Switch warehouse or locations before counting starts
Assigned counts	Counts assigned in Indition appear with location, type, due date and note
One-tap assignment start	"Download & Start" pulls the item list and begins

Count types

TYPE	BASIS	PREPARED
Scan as you go	Blank sheet; items join as scanned	On device
Entire location	Every product recorded at the location	On device
Selected categories	Products in chosen categories	On device
SKU / product search	SKU or name match	On device
Random sample	Random n SKUs, default 25	Online
Zero stock	Items the system holds at zero	Online
Overdue for counting	Not counted in n days, default 90	Online
ABC class	Chosen A / B / C classes	Online

Scanning

FEATURE	DETAIL
Camera scanning	EAN-13, EAN-8, UPC-A, UPC-E, Code 128, Code 39, Code 93, QR, Data Matrix, PDF417
Torch control	On-screen torch toggle for dark aisles
Manual code entry	Type or paste a barcode or SKU when a label is unreadable
Repeat-scan latch	A stationary barcode is counted once, not once per camera frame
Explicit re-scan	"Scan Next Item" re-arms the scanner for a second identical unit
UPC/EAN aliasing	Handles the iOS leading-zero form of UPC-A without corrupting real leading zeroes
Ambiguous barcode handling	Shows every matching product and asks the counter to choose
Unmatched barcode capture	Save an unknown code with a quantity and note, and resolve it before sync
Catalog search	Search downloaded products by name, SKU or variant
Camera-optional operation	Installs and works on devices without a usable camera

Quantity capture

FEATURE	DETAIL
Typed quantities	Decimal keypad entry with clear validation
Zero counts	Zero is a valid, meaningful count — distinct from not counting
Fractional products	Up to four decimal places for products flagged fractional
Whole-number enforcement	Non-fractional products reject decimals
Replace semantics	A saved quantity sets the total; it never silently adds
Increment mode	"Each product scan adds 1" counts single units at one tap each
Item notes	Up to 2,000 characters per line, carried through to Indition
Undo	Reverse the last count entry
Edit any line	Re-open and change any counted product
Scan feedback	Optional vibration on every accepted scan

Serialized products

FEATURE	DETAIL
Serial-derived quantity	Quantity always equals the number of unique serials scanned
Continuous serial capture	Stay in the scanner and work through a shelf of units
Audible prompt	Optional beep when a scanned product requires serials
Wrong-code guard	Rejects the product barcode or SKU scanned in place of a serial
Duplicate guard	Rejects a serial already counted for this product
Cross-location guard	Rejects a serial counted at another location in the same group
Serial review and removal	List captured serials and remove one scanned in error

Voice quantity entry (optional)

FEATURE	DETAIL
Fully on-device	Recognition and speech run locally; no audio is recorded or transmitted
Prompt and readback	The app asks "Quantity?" and reads back what it saved
Natural numbers	Digits, number words to millions, and thousands separators
Decimals and fractions	"one point five", "one and a half", "three quarters"
Fractional rules honoured	Spoken values obey the same per-product fractional rule as typed ones
Confidence gate	Low-confidence or conflicting recognition asks for a repeat rather than guessing
Whole-utterance parsing	Never extracts a number out of unrelated speech
Readiness check	Verifies offline English recognition and an installed English voice
Voice data installer	Android shortcut to the platform speech-data installer
Safe test mode	Test voice without touching inventory
Correction path	"Correct Last Voice Quantity" reopens the previous item
Manual fallback	Switch to the keypad for any item, at any time
Background safety	Voice cancels when the app leaves the foreground; a late result cannot save

Multi-location counting

FEATURE	DETAIL
Location groups	One count document per location, handled as one job
Location switcher	Jump to any location, with per-location progress and status
Next Location	Move through locations in a stable, predictable order
Group-wide serial uniqueness	One physical unit cannot be counted on two shelves
Single sync action	Sync the whole group at once, location by location
Clean stop	Sync halts at the location that needs attention; synced locations stay synced

Offline safety and sync

FEATURE	DETAIL
Immediate local save	Every accepted entry is written to the device as it happens
Pause and resume	Put a count down and pick it up later from the Counts list
Survives interruption	App close, battery loss and signal loss do not lose counts
Pre-sync validation	Blocks unmatched barcodes, missing quantities, pending recounts and duplicate serials
Explicit confirmation	States how many products across how many locations will be uploaded
Batched upload	Lines upload in batches with visible progress
Revision checking	The server verifies the exact line revisions it staged before writing anything
Lost-response recovery	Asks the server what happened before re-sending; a completed submit is never repeated
Timeout handling	Clear, actionable messages rather than silent failure

Stock-movement protection

FEATURE	DETAIL
Per-line baselines	Transaction count and on-hand quantity captured for every counted line
Server-side movement check	Movement since preparation blocks posting for the affected items
Nothing posted on conflict	A conflicting submission writes nothing to inventory
Forced physical recount	Conflicting quantities and serials are cleared before a recount
Baseline refresh	An explicit recount action refreshes the baseline on the server
Back-office parity	The same guard applies when an administrator posts a mobile count

Indition integration

FEATURE	DETAIL
Ordinary cycle counts	Synced counts are standard Indition cycle count documents
Existing approval rules	Approval requirements and tolerances apply unchanged
Existing posting behaviour	Ledger, serial reconciliation and QuickBooks journals are unchanged
Status visibility	Check approval status from the phone
Recount round-trip	Items sent back by a reviewer appear on the phone to recount
Permission separation	Connecting and counting are separate permissions from submitting
Physical-inventory scope	Counting follows warehouses and locations, not sales-channel mappings

Accessibility and usability

FEATURE	DETAIL
Large touch targets	Controls sized for gloved hands and moving work
High-contrast dark interface	Designed for warehouse lighting
Screen-reader roles and labels	Buttons, tabs, alerts and live regions are labelled
Live progress announcements	Selection totals and scan confirmations announced politely
Plain-language errors	Every failure states what happened and what to do next
Portrait and landscape	Both orientations supported
Phone and tablet	Runs on both form factors

Privacy and security

FEATURE	DETAIL
HTTPS only	Insecure transport blocked at the operating-system level
No password storage	Only a session is retained, in the platform secure store
Device-bound session	Keychain / keystore entries limited to the unlocked device
Per-session API token	Every write request carries a server-issued token
Account and device ownership	A count can only be uploaded by the account and device that created it
No camera or audio upload	Images and voice never leave the device
No ads, no tracking	No advertising and no analytics tracking
Backup disabled on Android	Application data is excluded from device backups