

Pokémon AI Collection Release Notes

Version 1.0 RC2

Build: 2026-07-02.01

Release Date: 30 June 2026

Pokémon AI Collection Version 1.0 RC2 introduces the AIPKM V2 canonical matching foundation, stronger English and Japanese card recognition, improved local regression coverage, exact-print pricing behavior, and numerous stability improvements.

Highlights

AIPKM V2 Canonical Database

- Added a canonical SQLite card database for local card identification.
- Database coverage from the release database:
 - 23,323 English Pokémon cards
 - 6,233 Japanese Pokémon cards
 - 29,556 verified Pokémon cards
 - 268 official Pokémon card sets
- Added deterministic local search and ranking after Gemini OCR.
- Added supplemental card mappings for cards not fully covered by the main imported sources.
- Added an offline image regression framework for repeatable local validation.

Recognition and Ranking

- Improved AI photo identification using OCR-derived card features.
- Improved English card recognition.
- Improved Japanese card recognition.
- Added Japanese-to-English Pokémon name support.
- Improved collector-number normalization, including promo and fraction-style card numbers.
- Improved set matching, suffix handling, artwork-aware ranking, and exact-print disambiguation.
- Improved OCR preprocessing for better scan consistency.

Market Price Accuracy

- Market prices are now selected for the exact identified print whenever verified data exists.
- Added price enrichment repair for verified exact mappings.
- Added exact pricing repair for:
 - Rayquaza GX (sm7-177)
 - Mew GG10 (swsh12pt5gg-GG10)
- Corrected currency handling for EUR and USD prices.
- Replaced misleading \$0.00 display for missing prices with No current market price.
- Equivalent-print prices are intentionally not substituted for Japanese cards or supplemental promo cards when exact verified market data is unavailable.

Branding & Platform Improvements

- Introduced a refreshed Pokémon-inspired application icon featuring an AI card scanner design.
- Updated browser favicon, Progressive Web App (PWA) launcher icons, and installation branding for a more consistent desktop and mobile experience.
- Refreshed the social sharing preview image used by social and messaging platforms.
- Updated the multilingual User Guides to reflect the new application branding and installation guidance.

Diagnostics

- Improved the `/api/version` diagnostic endpoint so it automatically reports the currently deployed frontend service-worker version instead of relying on a separately maintained value.

Data Sources and Attribution

Canonical Card Identity

AIPKM V2 uses TCGdex as the primary source for canonical card identity and metadata, including card names, sets, collector numbers, HP, types, attacks, rarity, and related card attributes. Supplemental records are used only for selected cards that are not fully covered by the main imported sources.

Pricing Information

Market pricing information is imported from Pokemon TCG API enrichment data and stored locally in the AIPKM V2 SQLite database. The active pricing providers stored by the release database are TCGplayer market prices, in USD, and Cardmarket average sell prices, in EUR.

Pokémon AI Collection prioritises exact-print pricing. It does not substitute a price from a different language, artwork, promotional printing, set, or card variant merely to display a value.

If verified pricing for the exact identified printing is unavailable, the application displays:

```
``text No current market price ``
```

Market values are reference estimates only and may vary according to card condition, marketplace, availability, currency, and time. They do not constitute investment or financial advice.

Card Images

Card images are stored as provider image URLs in the local AIPKM V2 database where available. Images may come from TCGdex card metadata or from Pokemon TCG API enrichment records, including Pokemon TCG image URLs.

The application uses card images for identification support, collection display, and visual reference. When an image is unavailable, Pokémon AI Collection uses its neutral card image unavailable placeholder rather than displaying an incorrect card image.

Data Attribution

Pokémon AI Collection combines third-party reference data with the AIPKM V2 Canonical Card Database, local matching, OCR evidence, and application-specific enrichment.

The application does not claim ownership of third-party card images, market data, trademarks, card names, artwork, or Pokémon intellectual property.

Collection and Backup

- Improved duplicate card handling and save workflow.
- Improved Binder card actions.
- Added Created and Updated timestamps for Binder entries.
- Improved JSON Export and Import performance.
- Improved CSV Export and Import support.
- Improved local storage reliability and compact backup behavior.

AI Features

- Improved AI Story stability.
- Improved AI Advisor support.
- Improved AI Pre-Grading Assistant stability.

General

- Added local validation suites for search, pricing, image metadata, OCR preprocessing, and offline image regression.
- Added numerous stability improvements.
- Added numerous performance improvements.
- Preserved RC2 PWA behavior and backup guidance.

Examples of Japanese Closest Match

Japanese Card	Closest English Equivalent
キラフロル ^{ex}	Glimmora ^{ex}
ハウオウ ^{GX}	Ho-Oh-GX
マスカーニャ ^{ex}	Meowscarada ^{ex}

Notes

- Collection data is stored locally on your device and browser.
- Updating the application normally preserves your collection on the same device and browser.
- Export a JSON backup before clearing browser data, uninstalling the PWA, switching browsers, or moving to a new device.
- JSON backups do not include the original scan photos.
- When an exact Japanese printing is unavailable in the Pokémon TCG API, the application may show the closest available English equivalent based on the detected Pokémon name, rarity, collector number, set information, and other card attributes.
- When no verified exact-print market data exists, Pokémon AI Collection displays No current market price instead of estimating from another edition or language.

Thank you for using Pokémon AI Collection.