PulseLabel Studio — Official User Manual (English)

Free 100% Client-Side 1D/2D Barcode (QR Code, DataMatrix, Code 128), Fixed Asset & Machine A4 Sticker Label Studio by NOVA PULSE AI CO., LTD.

1. Zero-Server Privacy & Offline PWA Architecture

PulseLabel Studio runs strictly inside your browser RAM with 0 bytes uploaded to external servers, keeping Excel spreadsheets, serial numbers, and corporate logos PDPA-compliant.

Install PulseLabel as a standalone desktop or mobile Progressive Web App (PWA) to generate and print sticker sheets even without an internet connection.

2. 4-Step Quick Start Guide (Data-First Tab Workflow)

Step 1 (Tab 1 - Data & Field Selection): Choose 1 of 4 industry presets (Fixed Asset, CMMS Machine, Inventory/FIFO, Accounting Tax Binder Sec. 87/3 with Thai dd/mm/2569 dates), then configure all data and visible label fields in one place: (A) Smart Excel/CSV Import (auto-syncs headers, turns blank cells into _____ write-in lines, and lets you add extra handwriting fields), (B) No-File Auto-Sequence up to 1,000 barcodes with real-time Live A4 Preview, or (C) Manual entry / Paste with inline field checkboxes.

Step 2 (Tab 2 - Barcode, Layout & Typography): Pick barcode symbology (QR Code, DataMatrix, Code 128, EAN-13, Code 39) and QR payload fields, then customize with 1-click segmented pills: Barcode Placement (Left/Right/Top), Text Alignment (Left/Center), 4-level Font Size (S/M/L/XL), Font Weight (Standard Bold Headers vs All Bold High-Contrast), Header Language (TH/EN/Hide), and corporate logo.

Step 3 (Tab 3 - A4 Sheet & Calibration): Choose A4 24/21/30/40/12/14/65-up or Thermal Roll and click used slots on Page 1 to skip them.

Step 4 Print or Export A4 PDF: Test with a plain-paper Alignment Test Sheet, calibrate ±0.1 mm X/Y offsets, and print directly at 100% scale or export an exact-size A4 PDF.

3. Printer Calibration & Alignment Checklist

Always select Paper Size: A4 (210 x 297 mm), Scale: 100% / Actual Size (never Fit to Page), and disable browser Headers and Footers.

Print a plain-paper Alignment Test Sheet first to verify slot position against your die-cut sticker sheet, then adjust ±0.1 mm X/Y offsets and save your local printer profile.

4. NovaPulse AI Ecosystem Integration

Machine QR tags integrate cleanly with FixPulse CMMS (https://fix-pulse.nova-pulse-ai.com) using URL Prefix mode for instant scan-to-repair tickets.

Corporate Portal: https://nova-pulse-ai.com | Hotline: +66 80-846-4657 | LINE OA: @novapulseai | Tax ID: 0125569038981.