

Manufacturing Capability Profile

Electronics, assembly and industrial technology programs from requirement review to documented export release.

DOCUMENT STATUS

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Project scope, not an unverified factory claim

Aimipaer coordinates product configuration, manufacturing support, assembly, private label and OEM/ODM procurement. The facility, equipment, capacity, responsible manufacturer and inspection authority are confirmed for each project. This profile does not assert factory ownership or certification.

Capability	Scope to agree
Electronics configuration	Application, platform, interfaces, electrical ratings, firmware and approved bill of materials.
Assembly coordination	Components, subassemblies or finished goods; work instructions, checkpoints and responsible parties.
Branding and packaging	Trademark permission, artwork revision, packaging structure, manual languages and destination labeling.
Samples and batch QC	Sample identity, acceptance plan, test methods, measured results, exceptions and release authority.
Export coordination	Final quantity, batch identity, packing list, shipment documents and destination requirements.

Start with a traceable brief

Provide target market, application, configuration, quantity, annual demand, budget range, sample needs and delivery target. MOQ, tooling, lead time, tests and commercial terms are by quotation.

Request: <https://aimipaer.com/rfq/>

From Concept to Mass Production

Each gate needs an identified reviewer and written evidence. Timing and production capacity are project-specific.

Gate	Release evidence
01 / Brief	Requirements, target market, volume and responsible contacts.
02 / Feasibility	Platform, sourcing, engineering scope, risks and provisional commercial terms.
03 / Sample	Identified prototype or configured sample and revision record.
04 / Testing	Agreed test method, conditions, acceptance threshold and recorded result.
05 / Packaging approval	Approved artwork, labels, manuals, structure and physical sample.
06 / Pilot batch	Build record, material lots, process issues and corrective actions.
07 / QC	Incoming, in-process and functional inspection evidence and disposition.
08 / Mass production	Frozen specification, sample baseline, quantity and change-control approval.
09 / Export release	Pre-shipment inspection, packing list, batch traceability and release decision.

Batch traceability minimum

Record RFQ/order, final SKU and variant, batch, production date, BOM and artwork revisions, supplier lots, test reports, serial/QR range where applicable, nonconformities and signed release. Certification and performance claims require product-matched documentation.

Full scope: <https://aimipaer.com/manufacturing/>