

RETAIL / DEVICE BUILD

SCANNING BUILT FOR RETAIL

A purpose-built Android handheld with a Honeywell scan engine, developed for a national retailer and certified inside four months, and patented in the build.

CLIENT	SECTOR	ENGAGEMENT	PATENT
Social Mobile, with Honeywell	Retail	Product and device build	USD1031734S1

THE CHALLENGE

A one-of-a-kind device on a four-month clock

Social Mobile needed a purpose-built handheld for a national retailer, to be deployed to its associates worldwide. It had to be high-performing enough to lift productivity, small and light enough to be carried through an eight-hour shift, and robust in its scanning: dependable in the low light and temperature extremes of a warehouse floor. And it had to be developed and certified inside a four-month window.

THE APPROACH

A device engineered around the read

I built the Rhino T5se around Honeywell's N6703SR scan engine, chosen for its scan speed, depth of field and motion tolerance in a small form factor. With Honeywell's engineering alongside, integration moved fast: an integration plan mapped out within a week of first contact, then units manufactured for the pilot run, and a device developed and certified inside the four-month deadline. The industrial design is protected by a granted US design patent.

THE OUTCOME

Proven where it counts, on the floor

4-month CONCEPT TO CERTIFIED	1 GRANTED DESIGN PATENT USD1031734S1	1-week FIRST CONTACT TO PLAN
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In a multi-store proof-of-technology test, the Honeywell scanning delivered the results the floor needed: increased productivity, employee satisfaction and an improved customer experience, with a device compact enough to carry comfortably across a full shift. A high-profile retail contract, met with a one-of-a-kind device on a demanding timeline.

REFERENCES

Honeywell and Social Mobile - "Faster, better barcode scanning for retailers" case study (Honeywell N6703SR). Design patent granted to Jason Bayton and Robert Morcos.
patents.google.com/patent/USD1031734S1