



Vi-Capture

Data capture of sub-component parts is a crucial element of the manufacturing process where validating the correct selection of parts is critical. This solution allows for the scanning of component parts assisted by graphical user prompting in a package combining a wireless 2D barcode imager and “wearable” barcode printer. The barcode printing is for component group validation later in the build process where sub-components may no longer be accessible. This solution fully integrates with the **STRATUS7** software infrastructure for central database storage and build information retrieval.

Key Benefits Summary

Ultra portable solution at a fraction of the price of a conventional fixed “trackside” installation requiring only minimal space for storage / charging.

Full wireless integration with **STRATUS7** software infrastructure allowing seamless access to build information and central storage of captured data.

Simple configuration via the scanning of bespoke configuration barcodes allowing re-deployment within seconds.

No limit to quantity of units deployed.

Both 1D and 2D barcode reading and printing.

Fully capable of reading Direct Part Marking (DPM).

Technical Data – Barcode Reader

CPU:	Intel XScale PXA270 @ 312MHz
Display:	320 x 240 QVGA
Keypad:	21 alpha numeric, 4-way navigation, 2 programmable keys
Memory:	64MB
Scanning:	1D, 2D & DPM imager supporting all common barcode formats (including Code 39 & PDF417) and direct part marking.
Wireless:	802.11a/b/g
Battery:	2400 mAh Li-Ion @ 3.7Vdc
Dimensions:	198 x 78 x 127mm
Weight:	378g
Temperature:	Operating: -20 to 50°C, Storage: -40 to 70°C
Robustness:	IP-54, 500 x 1m drops
Accessories:	Single slot and 4 slot charge cradles, spare batteries, belt holster.

Technical Data – Printer

CPU:	32-bit ARM @ 400MHz
Display:	240 x 148
Keys:	5-way navigation, 2 programmable
Memory:	128MB RAM, 256MB Flash
Printing:	Direct thermal, 203 DPI, up to 4 IPS
Barcodes:	All common 1D & 2D formats including Code 39 & PDF417
Media:	16 to 55mm wide, 813mm max length, black mark and gap.
Wireless:	802.11b/g
Battery:	2350 mAh Li-Ion @ 7.4Vdc
Dimensions:	170 x 95 x 77mm
Weight:	570g
Temperature:	Operating: -20 to 50°C, Storage: -25 to 65°C
Robustness:	IP-54, 500 x 1m drops
Accessories:	Belt clip (standard), adjustable shoulder strap, carrying strap, protective soft case, spare battery pack, desk stand, kick stand