



Ergonomic, Integrated Portable Data Terminal for On-line & Batch Data Collection

- Embedded both **Data Terminal** and **On-line Scanner** modes for multi-purpose operation
- Ergonomic **Gun-shape** form factor for aim-and-shoot reading and single-handed operation
- Built-in **Long-range Linear Imager** to provide bright aiming line for a distance of 12" reading and visibility
- Integrated Water-resistant Keypad and large Graphic LCD Display
- Using Ni-MH Rechargeable or Alkaline Batteries for flexible field application
- Bundled ready-to-use **Application Templates** and **Apollo PowerTool** for Plug-and-Play field application
- User-friendly SDK, **VisualBuilder**, for minimized efforts of Application development
- Optional **Cradle** for battery charge and multi-unit host communication

Apollo A300CX is a revolutionary design with the most ergonomic gun-shape form factor for intensive scanning portable data collection requirements. Specially for today's retail applications requirement, the Apollo provides multi-purpose operation for check out counter on-line scanning and stock room inventory portable data collection in small shop or convenient store. Not only the total cost of ownership can be reduced, but also improves the usability in the field.

Thanks to the integrated Long Range Linear Imager with 32-bit RISC NeuroFuzzy decoding engine, A300CX easily gives a distance of 12" bar code snappy capture and superior bright aiming line visibility. A graphic LCD Display features multilingual and large character presentation capability. For user's convenience, not only the Apollo specified Rechargeable battery pack is available, but also standard AA size alkaline batteries can be used as alternative.

To use Apollo with on-line scanner mode, you actually have a powerful FuzzyScan FBC-6000 long range linear imager in hand. Optional Cradle is capable of both charging the battery and linking the host. With special mechanical design, the cradle can be used for desktop application with ease.

Shipped with various ready-to-use Portable Application Templates, the Apollo A300CX gives user "plug-and-play" convenience and the flexibility to customize the operation without heavy programming efforts. Moreover, the easy-to-use Windows based integrated Software Development Kit, VisualBuilder, also provides the fast implementation for most tailored retail and industrial applications. Highest productivity can be easily reached through the cost-effective Apollo total solution.





Built-in water-and-dust proof keypad and large graphic LCD display



Versatile docking station for data transfer and battery recharge



Smart options of special texture treatment and different color choice



Using both rechargeable battery pack or two 1.5V AA alkaline batteries

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| CPU | 32-bit RISC |
| Operating System | CINO RTOS with JCL engine (JCL : Basic-like Job Control Language) |
| Memory | <ul style="list-style-type: none"> For system program : 2 MB For user application and data storage : 2MB |
| Scan Engine | Long range linear imager (refer to FuzzyScan FBC-6000) |
| PCS | Typical 0.45 (0.26mm Resolution) |
| Resolution | Maximum 0.127mm(5 mil), 0.1mm (4mil) capture is possible |
| Depth of Field | <ul style="list-style-type: none"> 0.127mm (5mil) resolution, Up to 4-5 inches (Code 39, PCS=0.9) 0.33mm (13mil) resolution, Up to 7-8 inches (Code 39, PCS=0.9) 0.66mm (26mil) resolution, Up to 10-12 inches (Code 39, PCS=0.9) 1.0mm (40mil) resolution, up to 16-18 inches (Code 39, PCS=0.9) 1.375mm(55mil) resolution, up to 18-20 inches (Code 39, PCS=0.9) |
| Readable Bar Code Symbologies | <ul style="list-style-type: none"> Codabar & NW-7 Code 39 & Full ASCII Code 39 Code 32 & IATA UPC/EAN/JAN/CAN w/Addendum Standard & Industrial 2 of 5 Interleaved & Matrix 2 of 5 Code 128 & UCC/EAN-128 Code 11 & Code 93 German ITF Postal Code Mainland China Postal Code Telepen (Numeric & Full ASCII) MSI/Plessey & UK/Plessey |
| Keypad | <ul style="list-style-type: none"> 23-key water-and-dust-proof keypad Capable of alphanumeric and function key inputs |
| Display | <ul style="list-style-type: none"> 128x64 backlit graphic LCD display with icons Capable of multilingual and large character presentation |
| Indicators | 2-color LED indicator and buzzer |
| Power Source | <ul style="list-style-type: none"> 2.4V rechargeable Ni-MH battery pack or two 1.5V AA alkaline batteries Built-in 2nd rechargeable Li battery for data backup while losing main power Minimum 24 hours regular operation with power management enabled |
| Operation Modes | <ul style="list-style-type: none"> Batch mode : as a Gun-shape portable data terminal On-line mode : as a full function FuzzyScan FBC-6000 linear imager |
| Communication | <ul style="list-style-type: none"> Batch mode : Selectable direct link to host RS-232, PC/AT, PS/2, ADB and USB keyboard ports with optional RS-485 multi-station networking capability through the optional docking station On-line Mode : Universal host interface via various interface cable converters (refer to host interfaces of FuzzyScan FBC-6000) |
| Application | <ul style="list-style-type: none"> Various ready-to-use portable application templates Future upgrade through Cino Global Internet Support (GIS) system |
| Development | Windows based integrated Software Development Kit - VisualBuilder, including: <ul style="list-style-type: none"> Program editor, application generator, compiler and simulator database builder and database manager data transfer and firmware upgrade utilities multilingual character fonts integration |
| Optional Cradle (Docking Station) | <ul style="list-style-type: none"> Design for easy desktop mount application Simultaneously battery trickle charge and data transfer Spare battery charge compartment embedded Built-in RS-232 and RS-485 port for both peer to peer communication and multi-station network |
| Optional Accessories | <ul style="list-style-type: none"> Rechargeable Ni-MH battery pack Various interface cable converters |