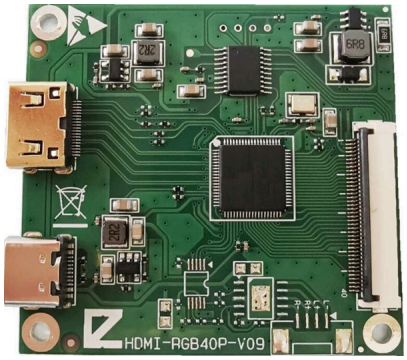
SMART DISPLAY MODULE

3.7" Smart Display with PCAP Touch

Display, controller board and touch in one module — talk to it over UART TTL&232&485 and skip the graphics design work.

CATALOG # 1A0136-01



3.7"	350	172×640	UART TTL&2
DIAGONAL	NITS	RESOLUTION	HOST LINK

KEY FEATURES

- Built-in controller — drive it with simple UART TTL&232&485 commands
- Screens, fonts and images stored on board (1GB flash)
- Shortens firmware and UI development time
- Projected capacitive touch included
- -20 to +70 °C operating range
- 5V/2A power input
- Custom UI, enclosure and cable options

SPECIFICATIONS

Size	**3.7"**
Resolution	**172 × 640**
Panel	**IPS TFT LCD**
Brightness	**350 cd/m²**
Host Interface	**UART TTL&232&485**
Controller Board	**UART Board**
Touch	**Projected capacitive (PCAP)**
Flash Memory	**1GB(Support 128Mbit~2*1GB)**
Power Supply	**5V/2A**
Active Area	**22.58 × 84.00 mm**
Operating Temp.	**-20 ~ +70 °C**

APPLICATIONS Appliances · Smart home · Industrial controls · Instrumentation · EV chargers

Design it in with DCLTEK.

Samples, custom brightness, cover glass, touch tuning and cable assemblies, backed by US-based engineering and in-country factory oversight.

Request a quote or samples

sales@dcltek.com · 1-800-407-8917
www.dcltek.com

Specifications subject to change without notice. Image is representative of the product family.