

Prism-0700W

Multitouch projective capacitive touch LCD



7 inch multitouch crystal clear touchscreen with extreme low reflection

Comes with ready to use software under Linux and Android and is plug and play with TechNexion ARM development kits

Specifications

Screen size	7 inch
Touchscreen	multitouch projective capacitive with cover lens
Interface	24 bit TTL FPC (display) 6 pin ZIF I ² C (touchsensor)

Touchsensor Characteristics

Touch technology	Projected Capacitive
Touch construction	100% bonded on LCD panel
Multitouch	Yes
Activation force	No pressure required
Cover glass thickness	1.0 mm
Cover Glass Hardness	>9H
Optical transmittance	>89%
Touch linearity	<1 mm
Touch report rate	80-100 interrupts/sec
Touch interface	I ² C
Touch controller	integrated on FPC of touch sensor
Touch connector	6 pin ZIF
Software	Linux, Android and Windows embedded Compact 7

LCD Characteristics

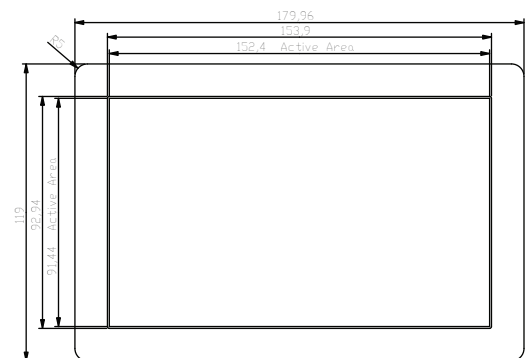
Display size	7 inch
Resolution	800 x 480 pixels
pixel pitch	0.1905 x 0.1905
Active area	152.30 x 91.44 mm
Brightness	350 cd/m ²
Contrast ratio	400:1
Viewing angle	140/130
Backlight life	>10,000 hours (LED)
Power consumption	0.86W (LCD) 1.98W (backlight)
Interface	TTL 24 bits

Environmental and Mechanical

Temperature	-20° to 60° C
Humidity	10-90%
Dimensions	180 x 119 x 7.5 mm
Weight	211 grams

Dimensions

units in mm



Order Information

PRISM-0700W-START Startkit containing 7 inch PCAP multitouch screen + converter PCB + cables to connect to TechNexion development kits and software

PRISM-0700W 7 inch PCAP LCD screen bulk packed (MOQ's apply)

TechNexion

Phone: +886-2-8227-3585
E-mail: sales@technexion.com
Web: <http://www.technexion.com>

