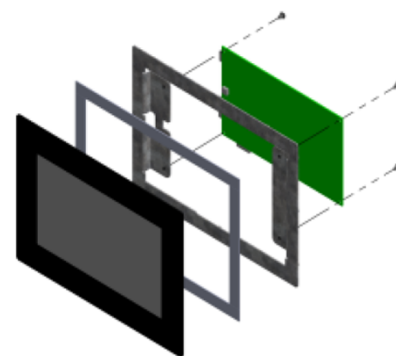
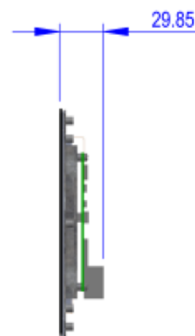
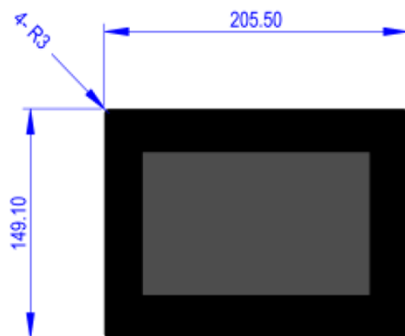


- Industrial Grade
- Bezel-less
- Mounting Bracket



(Unit:mm)

SPECIFICATIONS

DISPLAY

Display Size	7" TFT LCD
Pixel Number (H/V)	800 x 480
Active Area (H/V)	152.4 x 91.44 mm
Pixel Pitch (H/V)	0.0635(W) x RGB x 0.1905(H) mm
LCD Interface	TTL
Brightness (cd/m2)	680(typ) / 600(nits) (with touch)
Contrast	540:1
Viewing Angle (H/V)	160/160
Display Color	262K Colors
Backlight	LED Long Life > 30,000Hrs
Touch Sensor	Projected Capacitive
LCD / Touch lamination	Optical Bonding (Optional)

TOUCH

Controller Interface	I ² C
Controller System	Atmel mXT Series
Touch Input Type	Finger and Glove
Controller Type	COF
Multi-touch (points)	6
Cover Glass Thickness	1.8mm
Cover Glass Hardness	>7H
Cover Glass Type	Sodalime
Surface Treatment	Clear
Glass Strengthening	Chemical Strengthening
Optical Transmittance	>85%
Driver Support	Win 7/8/10/Embedded, Android, Linux, Chrome

MECHANICAL

Dimensions (WxHxD)	205.5 x 149.1 x 30 mm
Net Weight	650 g

SYSTEM

Processor	32Bit ARM Processor @ 400MHz
Memory	DDR2 64MB
Storage	NOR Flash 16MB (Optional NAND Flash 128MB)
Operating System	OpenRTOS

I/O

USB	2 (For USB update and Wi-Fi dongle)
Serial Port	1 x RS232, 1 x RS485
GPIO	8 (Expandable to 32)
PWM	2
I ² C	1
SPI	1

CUSTOMIZATION OPTIONS

Cover Glass ID	Custom Dimensions and Artwork
Cover Glass Type	Sodalime, Corning Gorilla or other Non-Conductive Materials
Cover Glass Thickness	Up to 2.8mm
Glass Surface Treatment	Anti-Glare, Anti-Reflective
Touchscreen Flex Tail Dimensions	Custom Dimensions and Shapes
Touchscreen Controller Interface	I ² C, USB or HID-I2C
Multi-touch (points)	Up to 10 points

ENVIRONMENT

Operating	-20°C~70°C
Storage	-30°C~80°C
Impact Resistance	Meets UL60950 ball drop test (0.5Kg ball from 1.3m height)

POWER & ACCESSORIES

Consumption	5.6W
Adapter	12V DC