IDP-FL-1400W

TP-IPC®
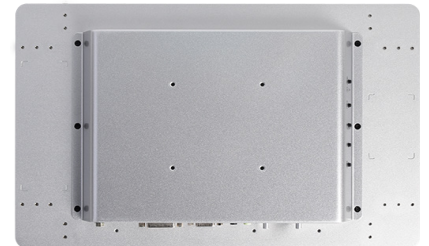TO BE YOUR PARTNER OF INDUSTRIAL PC

CCC CE FC RoHS COMPLIANT 2002/95/EC

- COM port (Optional), support long distance touch(Within 15m)
- Rugged die-cast aluminum chassis for harsh environments
- Projected Capacitive Touchscreen, Smooth user interaction
- Support medical gloves and protective gloves
- Wide Range DC 12~26V Power Input

- Support multiple cut out dimension make installation a snap
- OCA fully fit technology, Slim and light, attractive appearance
- Multiple signal interfaces with HDMI, VGA & DVI
- Support touch function even when there is water on panel(Optional)

The actual appearance is subject to the final configuration

Introduction

TP-IPC Industrial grade OCA fully fit capacitive touch monitor IDP-FL-1400W with 6H hardness and IP65 waterproof front panel. The chassis is made of die-cast aluminum, rugged and dust-proof specially for harsh industrial environments. COM port is optional, support long distance touch（Within 15m), its anti-interference ability is far more than USB. Smart chassis design support multiple cut out dimension make installation a snap, support vertical, horizontal, desktop, and embedded installations.
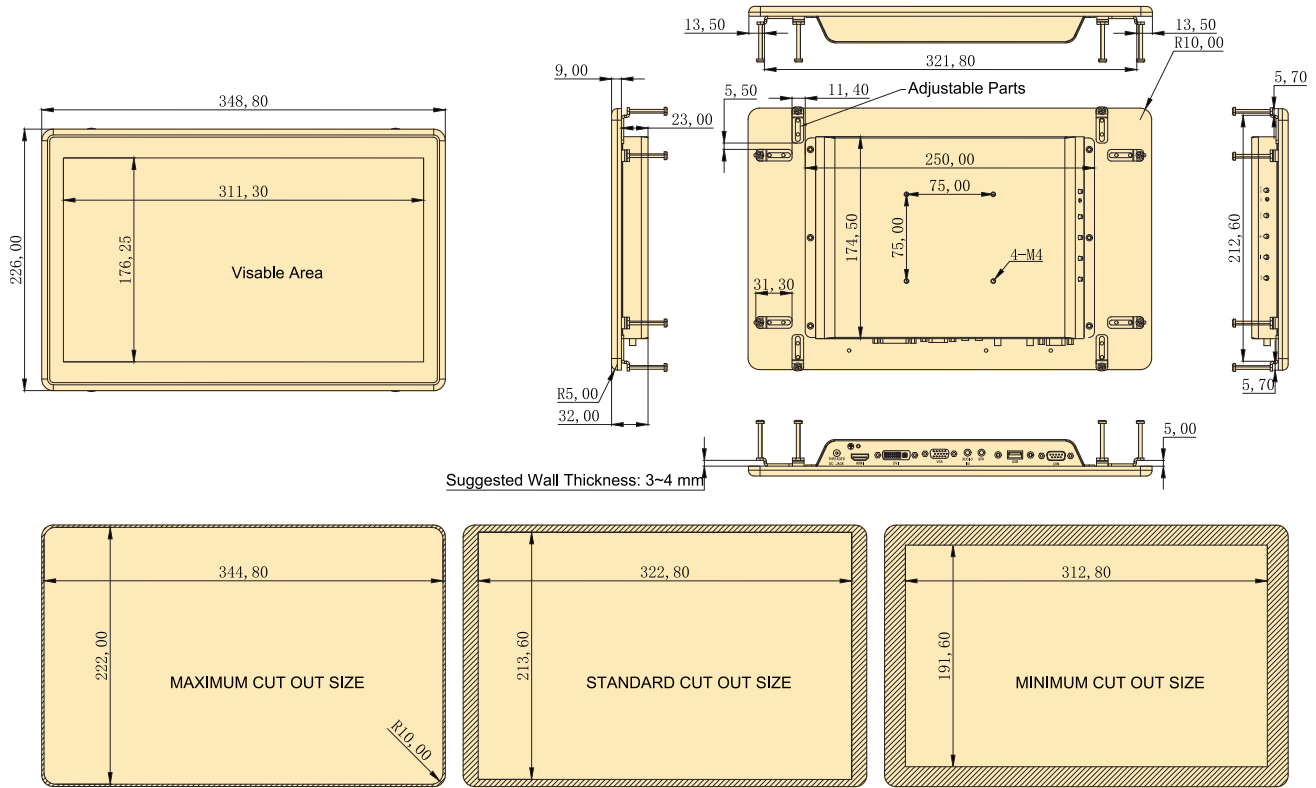
Specifications

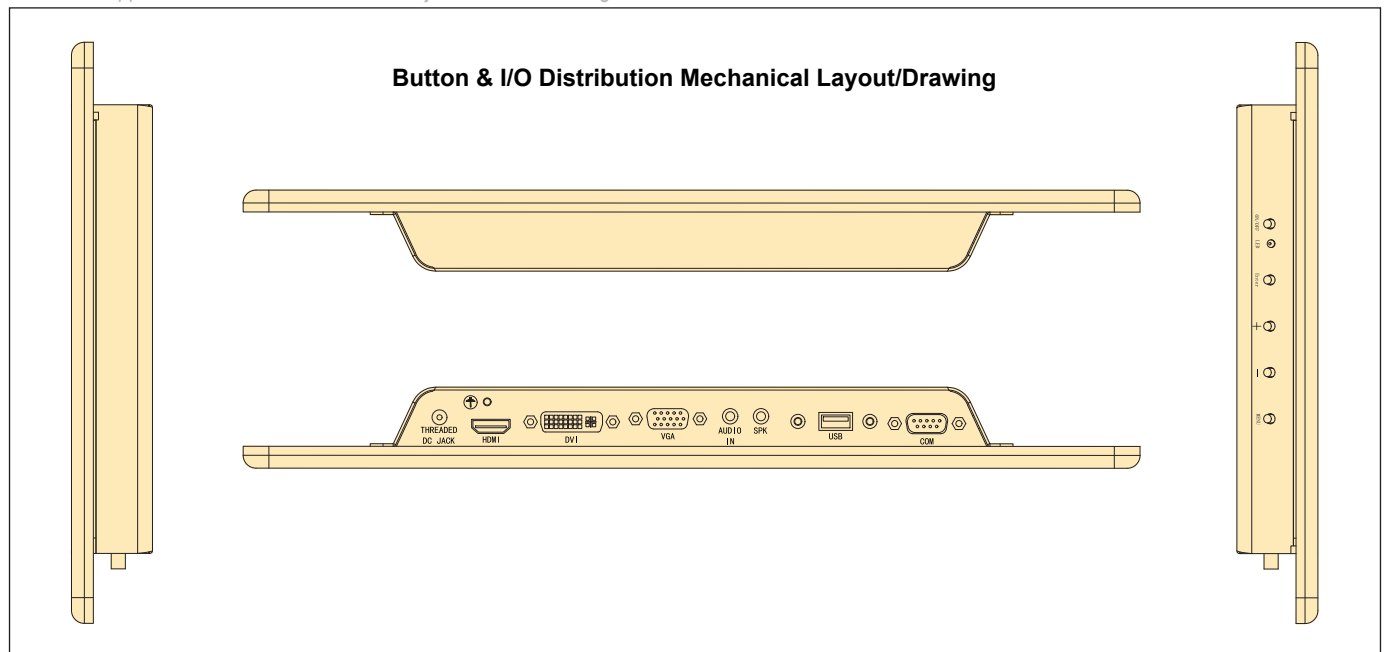| Model	IDP-FL-1400W	
Display Information	Size & Ratio	14", 16:9
	Resolution	1920*1080
	Brightness	300 cd/m² (Typ.)
	Viewing Angle	85/85/85/85 (Typ.)(CR>=10)
	Contrast Ratio	800:1 (Typ.)
	Display Colors	16.2M(6bit+FRC)45%
	Display Area	309.312(H)*173.988(V)
	Response Time	20 (Typ.)ms
	Frequency	60Hz
	Pixel pitch	161.1(H)*161.1(V)
Touchscreen	Touchscreen Type	Projected Capacitive Touchscreen
	Touchscreen Method	Ten point
	Surface	6H
	Durability	-
	Transparency	>=85%
Environment	Operating Temperature	0 ~ 70 °C w/ 0.7m/s Airflow
	Storage Temperature	-20 ~ 60 °C (-4~140 °F)
	Relative Humidity	40 °C @ 90%, Non-Condensing
I/O INTERFACE	Vide & Audio	1* HDMI, 1* DVI-I, 1* VGA, 1* Audio In, 1*SPK
	Touchscreen Interface	1* Touchscreen Lockable USB; Optional with Touchscreen RS-232 DB9 serial port
	Power Supply	9-32V DC with ESD Protection; 1*DC Jack(5.8*2mm)
Physical Characteristics	Dimensions	348.8*226*32mm (W* H* D)
	Net Weight	1.7KGS(The final weight is subject to the final configuration)
Regulation	EMC	CE/FCC Class B, CCC
	Safety	CE-LVD, RoHS, CCC

Dimension

Screen size: 14"
Resolution: 1920*1080

Unit:mm

348, 80

226, 00

311, 30

176, 25

Visable Area

9, 00

23, 00

13, 50

321, 80

13, 50
R10, 00

5, 50   11, 40   Adjustable Parts

250, 00

75, 00

174, 50

75, 00

5, 70

212, 60

31, 30

4—M4

5, 70

R5, 00

32, 00

5, 00

Suggested Wall Thickness: 3~4 mm

344, 80

222, 00

MAXIMUM CUT OUT SIZE

R10, 00

322, 80

213, 60

STANDARD CUT OUT SIZE

312, 80

191, 60

MINIMUM CUT OUT SIZE

The actual appearance and dimensions are subject to the final configuration.

Button & I/O Distribution Mechanical Layout/Drawing

THREADED
DC JACK   HDMI   DVI   VGA   AUDIO SPK   USB   COM
                                         IN

Ordering Information

Part No.	Brightness(cd/m2)	Touch Screen	Video & Audio I/O	Touchscreen Connector	Power Connector	Power Supply
IDP-FL-1400W	300	Projected Capacitive	VGA, DVI, HDMI, Audio In, Audio Out	USB (Default) or RS232	DC Threaded Jack	9-32V DC

Packing List

Optional Items	Qty
IDP-FL-1400W Unit	1
AC-to-DC Adapter 12V/3A	1
Power cable 3-pin, 1.5m	1
Embedded mounting kit	1
Lockable M cable USB-A(M)/USB-A(M), 1.5m	1
VGA cable, 1.5m	1

Options For Default Items

Optional Items	Qty
Power cable 3-pin, 1.5m, USA type	1
Power cable 3-pin, 1.5m, EU type	1
Power cable 3-pin, 1.5m, UK type	1
Desktop support bracket	1
Wall-mounted VESA bracket	1
HDMI cable, 1.5m	1
DVI cable, 1.5m	1
Touchscreen RS-232 cable, 1.5m	1

Optional Accessories

Optional Items	Qty	Description
M Cable 9P/9P (Touchscreen RS-232 cable)	-	2/3/5/10/15m
Lockable M cable USB-A(M)/USB-A(M)	-	2/3m
Rotatable wall-mounted VESA bracket	-	75*75mm
Touchscreen RS-232 module	-	Touch signal transmission distance up to 15m
Advanced touch-module	-	Support touch function even when there is water on the panel
VGA cable	-	2/3/5/10/15m
HDMI cable	-	2/3/5/10/15m
DVI cable, 1.5m	-	2/3/5/10/15m