

IDP-1900S



- Front panel supports IP65 waterproof and dustproof rating
- Wide range operating temperature supports harsh environment
- Multiple screen types available for different requirements
- Standard integrated frame support different installation way
- Multiple video interfaces with HDMI, VGA & DVI-I
- Ultra-slim body size with amazing compact design



The actual appearance is subject to the final configuration

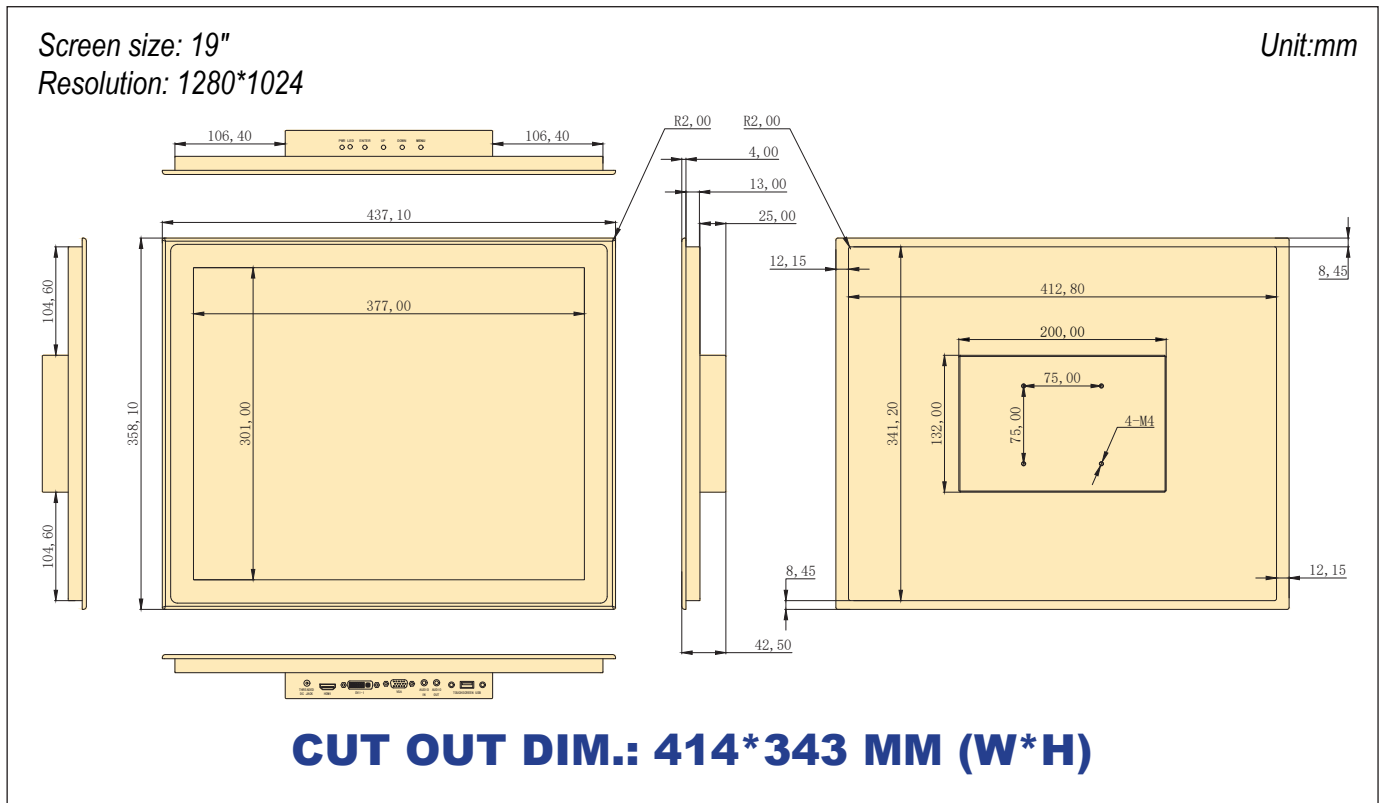
Introduction

The TP-IPC IDP-1900S Embedded Industrial Panel Mount Monitor series offers flexible options for TFT-LCD, touchscreen, signal interface and chassis mounting. The series provides not only IP65 ingress rating at the front surface, but also with standard integrated frame design, supporting rear and VESA mounting which brings the benefits of easy installation and provides flexibility for different applications.

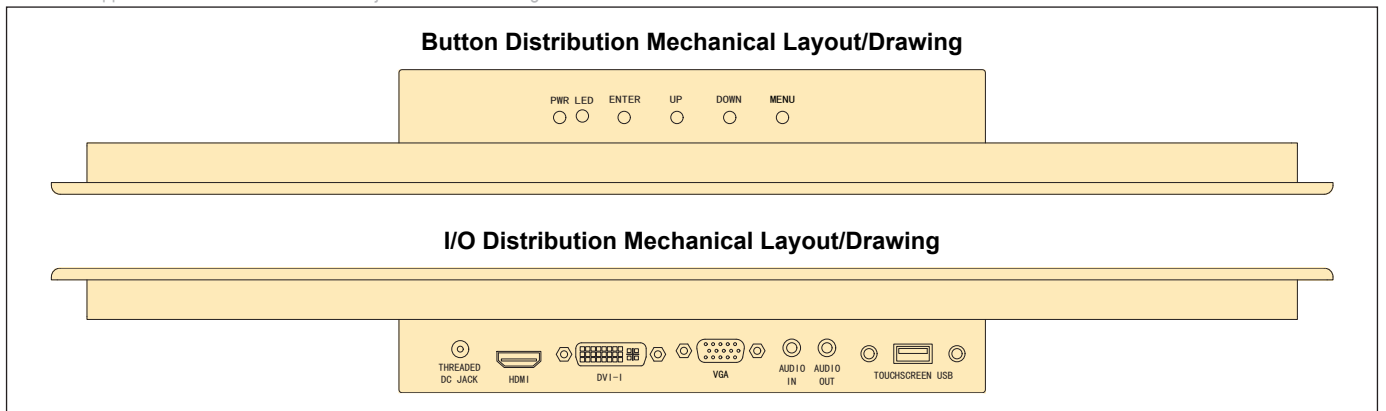
Specifications

Model	IDP-1900S	IDP-1900S-RT	IDP-1900S-CT	IDP-1900S-NT
Display Information	Size & Ratio	19", 5:4		
	Resolution	1280*1024		
	Brightness	250 cd/m2 (Typ.)		
	Viewing Angle	85/85/80/80 (Typ.)(CR>=10)		
	Contrast Ratio	1000:1 (Typ.) (Transmission)		
	Display Colors	16.7m 72% (CIE1931)		
	Display Area	376.32*301.056(mm)		
	Response Time	3.6/1.4 (Typ.)(Tr/Td) ms		
	Frequency	60Hz		
	Pixel pitch	0.294		
Touchscreen	Touchscreen Type	5-Wire Resistive Touchscreen	Projected Capacitive Touchscreen	Non-Touchscreen
	Touchscreen Method	Single point	Ten point	-
	Surface	3H	6H	Matte , Hard coating (3H)
	Durability	1 million touches	-	-
	Transparency	75%±8%	85± 3%	-
Environment	Operating Temperature	-0 ~ 50 °C w/ 0.7m/s Airflow	-0 ~ 50 °C w/ 0.7m/s Airflow	-0 ~ 50 °C w/ 0.7m/s Airflow
	Storage Temperature	-20 ~ 50 °C (-4~122 °F)	-20 ~ 60 °C (-4~140 °F)	-20 ~ 60 °C (-4~140 °F)
	Relative Humidity	40 °C @ 95%, Non-Condensing		
I/O INTERFACE	Vide & Audio	1* HDMI, 1* DVI-I, 1* VGA, 1* Audio In, 1* Audio Out		
	Touchscreen Interface	1* Touchscreen Lockable USB; Optional with Touchscreen RS-232 DB9 serial port		
	Power Supply	9-32V DC; 1* DC Threaded Jack (5.5* 2.5mm)		
Physical Characteristics	Dimensions	437.1*358.1*42mm (W* H* D)		
	Net Weight	4.5KG		
Regulation	EMC	CE/FCC Class B, CCC		
	Safety	CE-LVD, RoHS, CCC		

Dimension



The actual appearance and dimensions are subject to the final configuration



Ordering Information

Part No.	Brightness(cd/m2)	Touch Screen	Video & Audio I/O	Touchscreen Connector	Power Connector	Power Supply
IDP-1900S-NT	250	NA	VGA, DVI, HDMI, Audio In, Audio Out	NA	DC Threaded Jack	9-32V DC
IDP-1900S-CT	250	Projected Capacitive	VGA, DVI, HDMI, Audio In, Audio Out	USB or RS232	DC Threaded Jack	9-32V DC
IDP-1900S-RT	250	5-Wire Resistive	VGA, DVI, HDMI, Audio In, Audio Out	USB or RS232	DC Threaded Jack	9-32V DC

Packing List

Optional Items	Qty
IDP-1900S 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

!!! Note: the USB cable is equipped for touchscreen only.

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 30m
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