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IDD31156(H)
IDD32156(H)
IDD34156(H)



15.6" （WXGA/FHD） Industrial Embedded Stainless Steel Monitor

PANELMATE
Creative HMI Solution

IDD31156(H) & IDD32156(H) & IDD34156(H)

PANELMATE
Creative HMI Solution



Features

· Display size：15.6"，21.5"

· Front panel：304 stainless steel

· Front panel/Rear：IP65/IP20

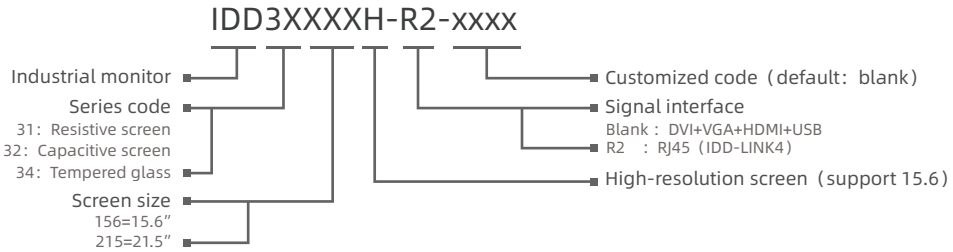
· Touchscreen mode：Single point resistive touchscreen，Multi-touch capacitive screen，Tempered glass

· OS:Win7，Win8，Win10，Win11，Linux，etc

· DC 9~36V

· Interface:DVI，HDMI，VGA，2xUSB

Namely Rule



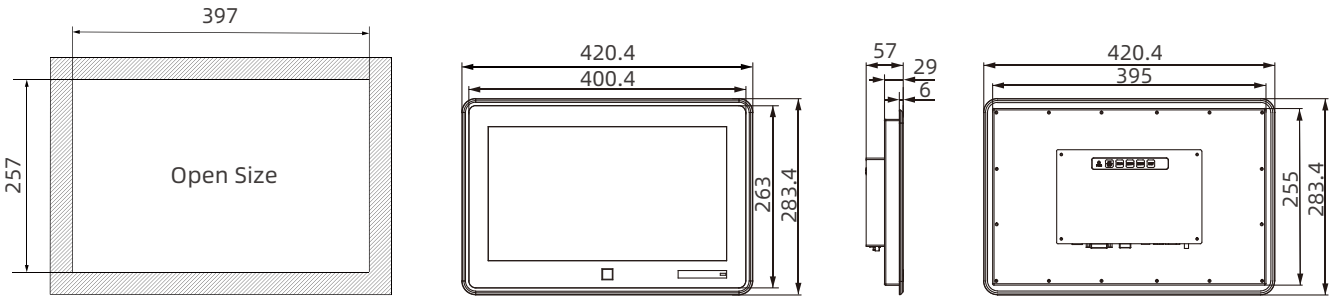
Specifications

Model		IDD31156 & IDD32156 & IDD34156	IDD31156H & IDD32156H & IDD34156H
Routine	Housing	Front panel：304 stainless steel	
	Mounting	Embedded	
	Rear I/O	VGA & DVI & HDMI & USB	
Power	Input Voltage	Phoenix terminal：DC 9~36V input	
	Power	18W	8W
Physical	Dimension (WxHxD)	420.4mm x 283.4mm x 57mm（16.55" x11.16" x 2.24"）	
	Open size (WxH)	397mm x 257mm（15.63" x10.12"）	
LCD	Display type	15.6"WXGA TFT	15.6"FHD TFT
	Resolution	1366 x 768	1920 x 1080
	Colors	16.7M	16.7M
	Active Area (WxH)	344.23mm x 193.54mm（13.55"x 7.62"）	344.23mm x 193.54mm（13.55"x 7.62"）
	Backlight	LED	LED
	MTBF(Hour)	50000hrs	15000hrs
	Pixel Pitch	0.252 x 0.252	0.252 x 0.252
	Luminance(cd/m2)	300cd/m2	250cd/m2
	Contrast Ratio	3000:1	3000:1
	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Tempered glass screen	
	Light Transmission	>85%	
	Controller	USB interface	
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc	
	Multi-touch	10 点	
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H	
Environment	Operating Temperature	0 ~ 60℃	0 ~ 50℃
	Storage Temperature	-20 ~ 60℃	
	Relative Humidity	5 ~ 95%(Non condensation)	
	Shock	Operating 10G peak acceleration(11 ms duration), follow IEC 60068-2-27	
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms@with HDD; 2Grms@with SSD, follow IEC 60068-2-64	
	EMC	CE/FCC Class A	
	Protection	Front Panel:IP65	

All product specifications are subject to change without notice

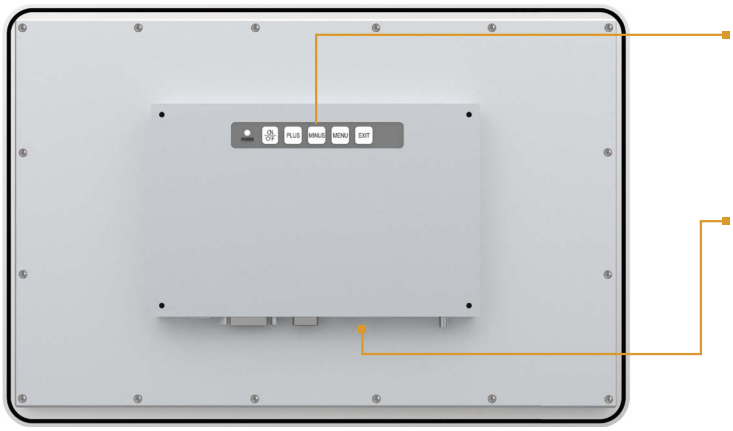
Last updated:Mar.-2024

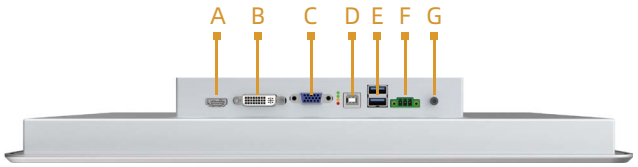
Technical Drawings unit: mm



Panel Cutout Dimensions: 397mm x 257mm (15.63 x 10.12in)

External I/O View





Interface definition:

A: HDMI B: DVI C: VGA D: USB input
E: 2 x USB output F: DC9~36V G: GND



Ordering Information

Part Number	Description
IDD31156	15.6” TFT LCD / Stainless steel resistive touchscreen / DC 9~36V / resolution 1366 x 768
IDD32156	15.6” TFT LCD / Stainless steel capacitive touchscreen / DC 9~36V / resolution 1366 x 768
IDD34156	15.6” TFT LCD / Stainless steel tempered glass / DC 9~36V / resolution 1366 x 768
IDD31156H	15.6” TFT LCD / Stainless steel resistive touchscreen / DC 9~36V / resolution 1920 x 1080
IDD32156H	15.6” TFT LCD / Stainless steel capacitive touchscreen / DC 9~36V / resolution 1920 x 1080
IDD34156H	15.6” TFT LCD / Stainless steel tempered glass / DC 9~36V / resolution 1920 x 1080

Optional Accessories

VGA	3m / 5m
DVI	3m / 5m / 8m / 10m
USB	3m / 5m / 10m
HDMI	3m / 5m / 10m
Control Panel	Panel32156-XK

Packing List

Terminal	1x3pin Phoenix terminal