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Excellence · Innovation

IDD21101

IDD22101

IDD24101



Shanghai Panelmate Electronics Co., Ltd.

10.1" WXGA Industrial Monitor

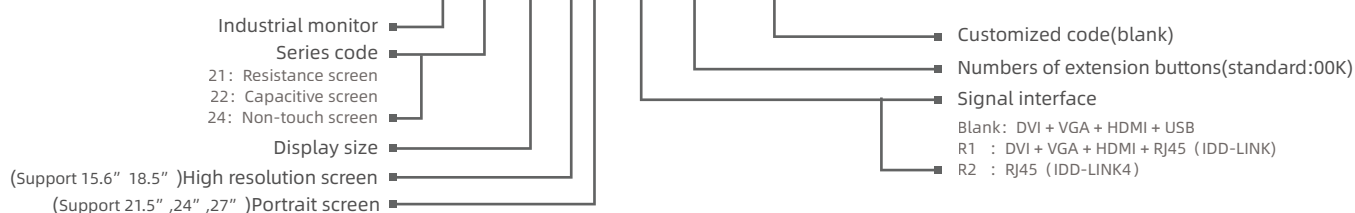


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

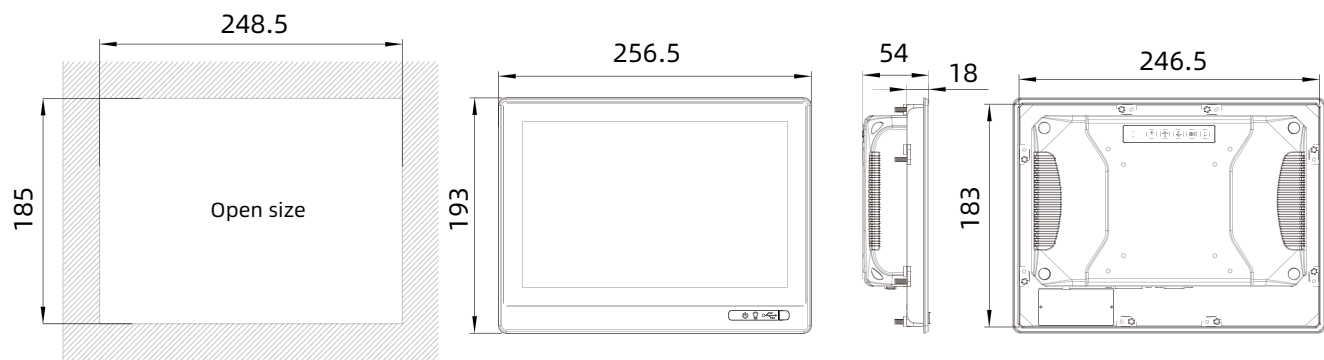
IDD2XXXXHP-R1-xxK-xxxx



Specifications

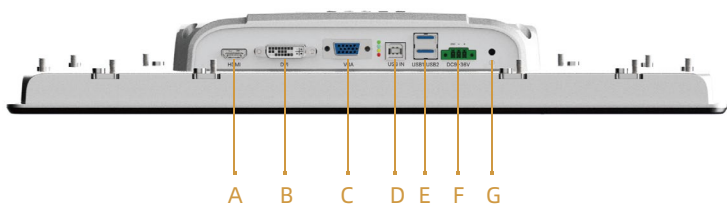
Model		IDD21101&IDD22101&IDD24101
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	5W
Physical	Dimension (WxHxD/mm)	256.5 x 193 x 54 (10.10" x 7.60" x 2.13")
	Open Size (WxH/mm)	248.5 x 185 (9.78" x 7.28")
	Net Weight(kg)	1.75
LCD	Display type	10.1" WXGA TFT
	Resolution	1280 x 800
	Colors	16.7M
	Active Area (WxH/mm)	216.96 x 135.60 (8.54" x 5.34")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.1695 x 0.1695
	Luminance(cd/m2)	400
	Contrast Ratio	800:1
	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	-20 ~ 70°C
	Storage Temperature	-30 ~ 80°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 248.5 x 185mm (9.78 x 7.28in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21101	10.1" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1280x800
IDD22101	10.1" TFT LCD / Capacitive touch screen / DC12~36V Input/ Resolution 1280x800
IDD24101	10.1" TFT LCD / Non-touch screen / DC12~36V Input/ Resolution 1280x800

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21104

IDD22104

IDD24104



Shanghai Panelmate Electronics Co., Ltd.

10.4" XGA Industrial Monitor

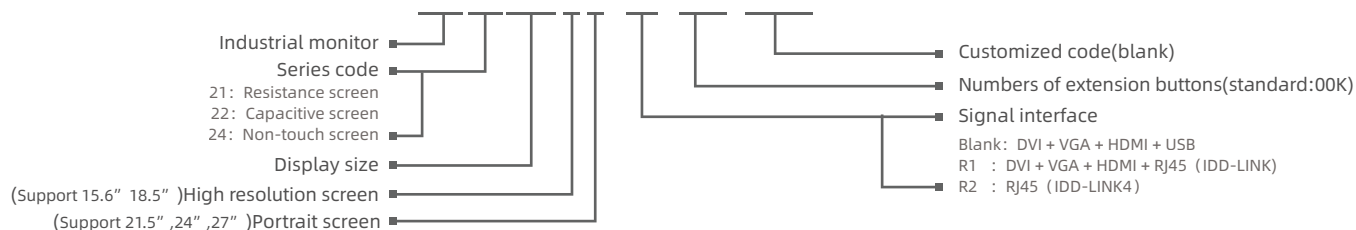


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS:Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

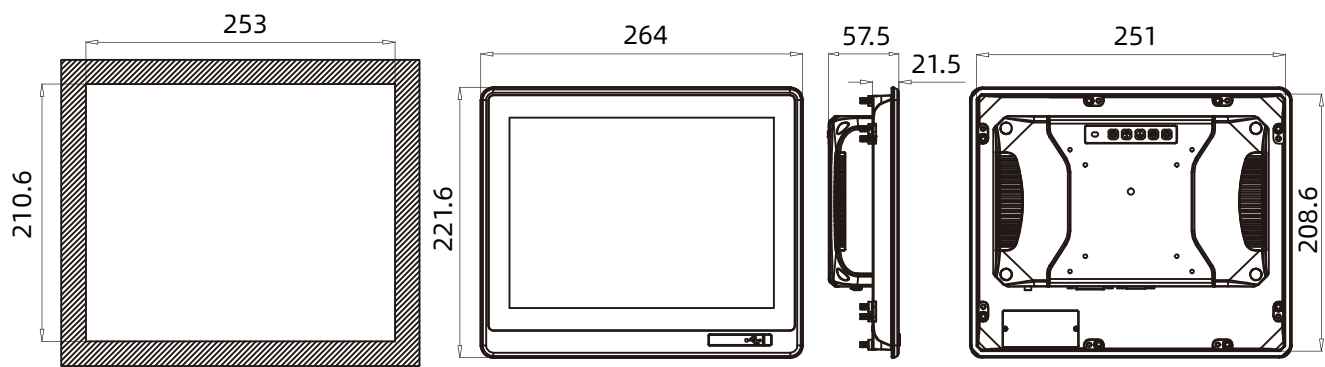
IDD2XXXXHP-R1-xxK-xxxx



Specifications

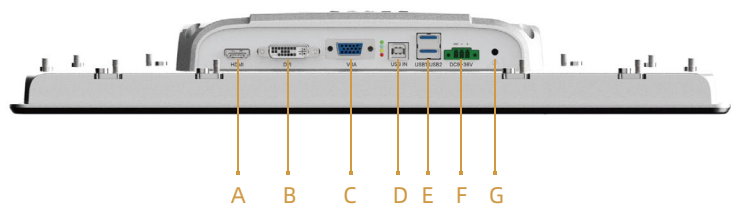
Model		IDD21104&IDD22104&IDD24104
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	5W
Physical	Dimension (WxHxD/mm)	264 x 221.6 x 57.5 (10.39" x 8.72" x 2.26")
	Open Size (WxH/mm)	253 x 210.6 (9.96" x 8.29")
	Net Weight(kg)	2.1
LCD	Display type	10.4" XGA TFT
	Resolution	1024 x 768
	Colors	16.7M
	Active Area (WxH/mm)	211.2 x 158.4 (8.31" x 6.24")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.2063x0.2063
	Luminance(cd/m2)	350
	Contrast Ratio	900:1
Touchscreen	Viewing Angle	(L)75 / (R)75 / (U)75 / (D)75
	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
Environment	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
	Operating Temperature	-20 ~ 70℃
	Storage Temperature	-20 ~ 70℃
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 253 x 210.6mm (9.96 x 8.29in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21104	10.4" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1024 x 768
IDD22104	10.4" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1024 x 768
IDD24104	10.4" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1024 x 768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21116
IDD22116
IDD24116



Shanghai Panelmate Electronics Co., Ltd.

11.6" FHD Industrial Monitor(High resolution screen)

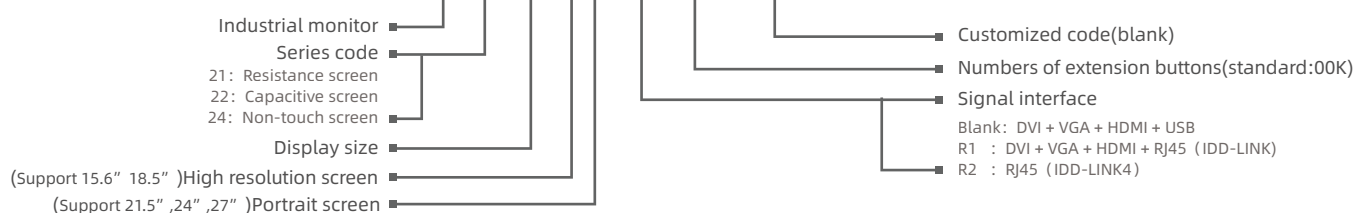


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

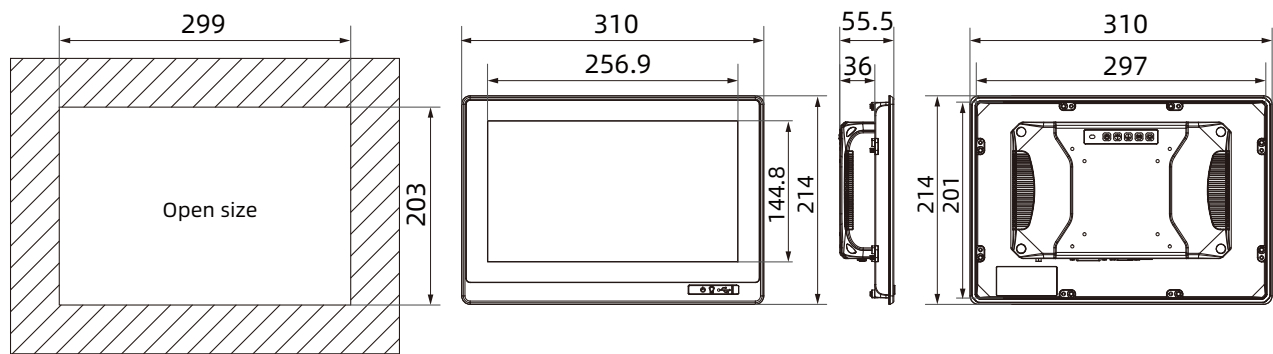
IDD2XXXXHP-R1-xxK-xxxx



Specifications

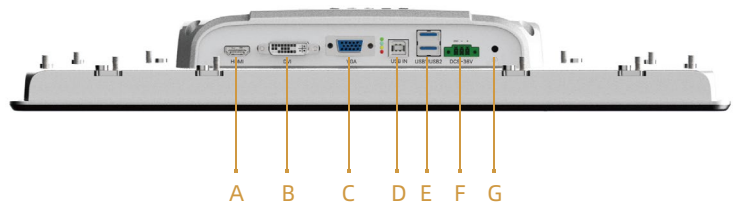
Model		IDD21116&IDD22116&IDD24116
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	5W
Physical	Dimension (WxHxD/mm)	310 x 214 x 55.5 (12.20" x 8.43" x 2.19")
	Open Size (WxH/mm)	2299 x 203 (11.77" x 7.99")
	Net Weight(kg)	2.2
LCD	Display type	11.6" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	256.32 x 144.18 (10.09" x 5.68")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.1335 x 0.1335
	Luminance(cd/m2)	250
	Contrast Ratio	1000:1
Touchscreen	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85
	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
Environment	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 299 x 203mm (11.77 x 7.99in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21116	11.6" TFT LCD / Resistive touch screen / DC 12~36V DC9~36V Input / Resolution 1920x1080
IDD22116	11.6" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD24116	11.6" TFT LCD / Non-touch screen / DC 12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21121
IDD22121
IDD24121



Shanghai Panelmate Electronics Co., Ltd.

12.1" XGA Industrial Monitor

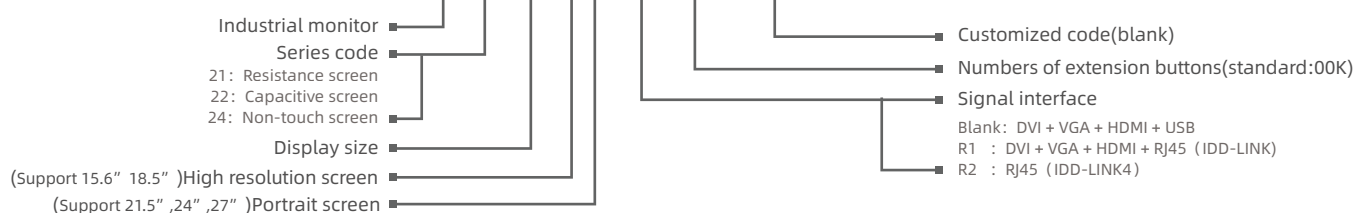


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

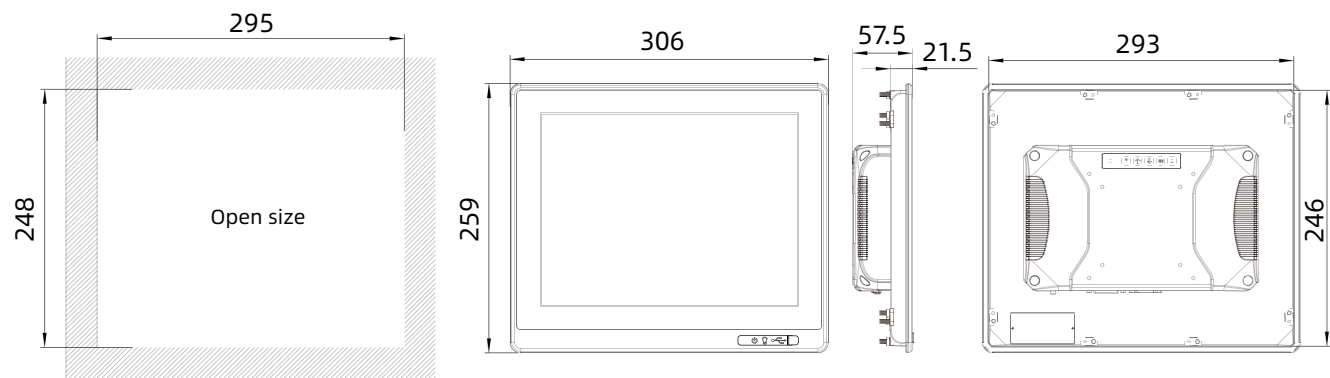
IDD2XXXXHP-R1-xxK-xxxx



Specifications

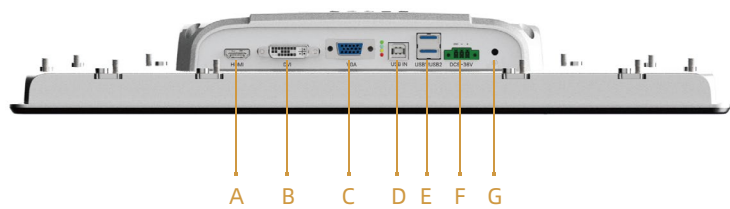
Model		IDD21121&IDD22121&IDD24121
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	9W
Physical	Dimension (WxHxD/mm)	306 x 259 x 57.5 (12.05" x 10.20" x 2.26")
	Open Size (WxH/mm)	295 x 248 (11.61" x 9.76")
	Net Weight(kg)	2.7
LCD	Display type	12.1" XGA TFT
	Resolution	1024 x 768
	Colors	16.7M
	Active Area (WxH/mm)	304.1 x 228.1 (11.97" x 8.98")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.24 x 0.24
	Luminance(cd/m2)	350
	Contrast Ratio	800:1
	Viewing Angle	(L)75 / (R)75 / (U)75 / (D)75
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	-20 ~ 70℃
	Storage Temperature	-30 ~ 80℃
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 295 x 248mm (11.61 x 9.76in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21121	12.1" TFT LCD / Resistive touch screen / DC12~36V DC9~36V Input / Resolution 1024x768
IDD22121	12.1" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1024x768
IDD24121	12.1" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1024x768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21122

IDD22122

IDD24122



Shanghai Panelmate Electronics Co., Ltd.

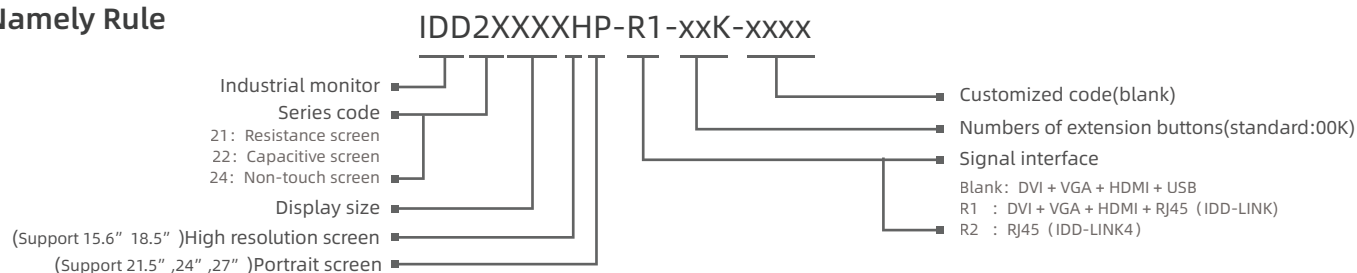
12.2" WXGA Industrial Monitor



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

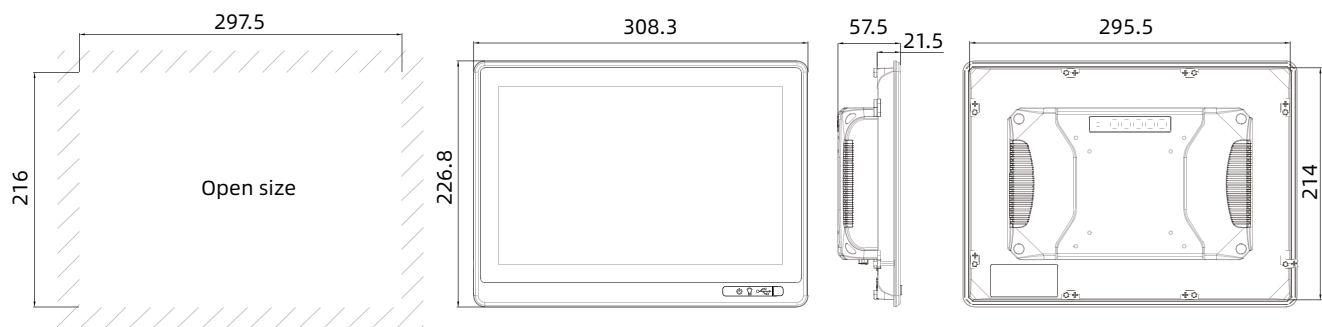
Namely Rule



Specifications

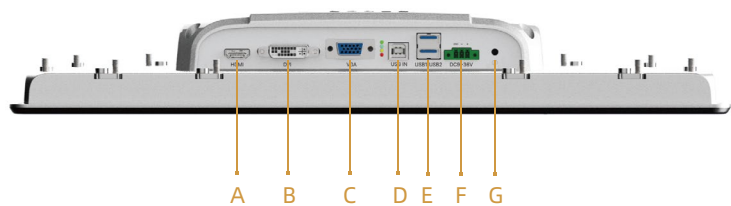
Model		IDD21122&IDD22122&IDD24122
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	9W
Physical	Dimension (WxHxD/mm)	308.3 x 226.8 x 57.5 (12.14" x 8.93" x 2.26")
	Open Size (WxH/mm)	297.5 x 216 (11.71" x 8.50")
	Net Weight(kg)	3.25
LCD	Display type	12.2" WXGA TFT
	Resolution	1280 x 800
	Colors	16.7M
	Active Area (WxH/mm)	262 x 164 (10.31" x 6.46")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.2052 x 0.2052
	Luminance(cd/m2)	450
	Contrast Ratio	1000:1
	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen& Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	-20 ~ 70°C
	Storage Temperature	-30 ~ 80°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 297 x 216mm (11.71 x 8.50in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21122	12.2" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1280x800
IDD22122	12.2" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1280x800
IDD24122	12.2" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1280x800

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21150

IDD22150

IDD24150



Shanghai Panelmate Electronics Co., Ltd.

15" XGA Industrial Monitor



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

IDD2XXXXHP-R1-xxK-xxxx

- Industrial monitor
- Series code
- 21: Resistance screen
- 22: Capacitive screen
- 24: Non-touch screen

Display size

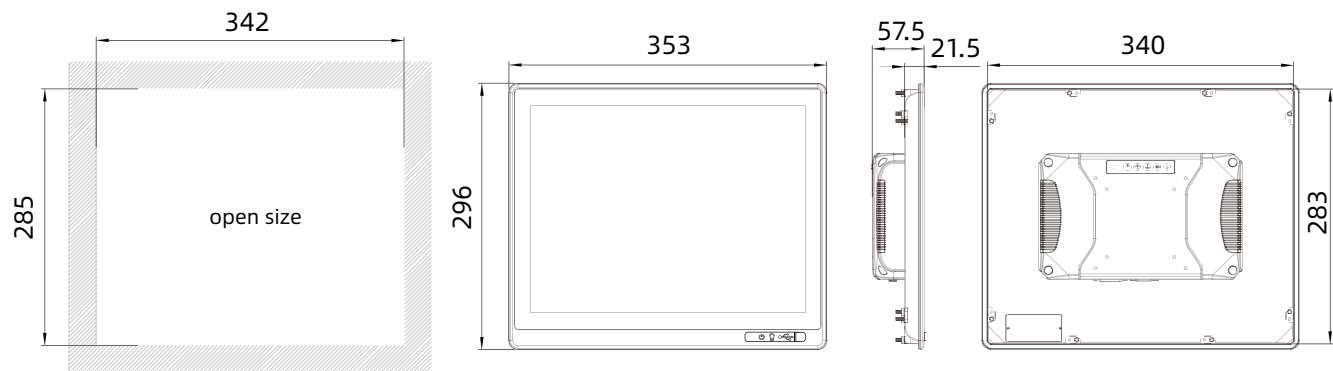
(Support 15.6" 18.5")High resolution screen
(Support 21.5" ,24" ,27")Portrait screen

- Customized code(blank)
- Numbers of extension buttons(standard:00K)
- Signal interface
- Blank: DVI + VGA + HDMI + USB
- R1 : DVI + VGA + HDMI + RJ45 (IDD-LINK)
- R2 : RJ45 (IDD-LINK4)

Specifications

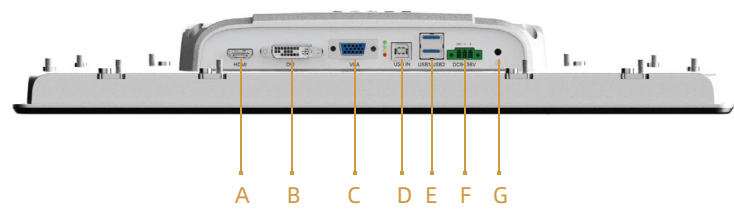
Model		IDD21150&IDD22150&IDD24150
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	11W
Physical	Dimension (WxHxD/mm)	353 x 296 x 57.5 (13.90" x 11.65" x 2.26")
	Open Size (WxH/mm)	342 x 285 (13.46" x 11.22")
	Net Weight(kg)	3.7
LCD	Display type	15" XGA TFT
	Resolution	1024 x 768
	Colors	16.7M
	Active Area (WxH/mm)	304.1 x 228.1 (11.97" x 8.98")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.297 x 0.297
	Luminance(cd/m2)	420
	Contrast Ratio	800:1
	Viewing Angle	(L)80 / (R)80 / (U)80 / (D)80
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	-10 ~ 65°C
	Storage Temperature	-20 ~ 70°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 342 x 285mm (13.46 x 11.22in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21150	15" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1024x768
IDD22150	15" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1024x768
IDD24150	15" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1024x768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21156
IDD22156
IDD24156



Shanghai Panelmate Electronics Co., Ltd.

15.6" WXGA Industrial Monitor

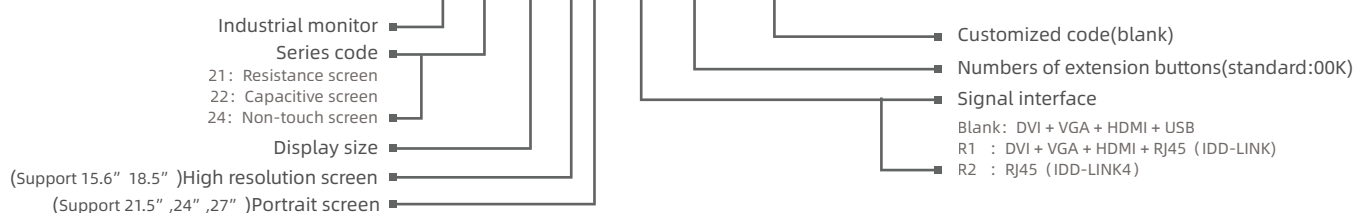


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

IDD2XXXXHP-R1-xxK-xxxx

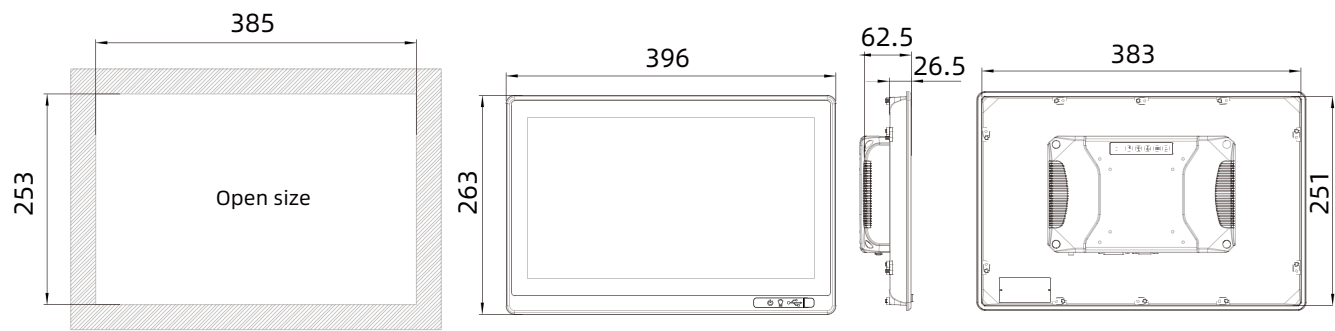


Specifications

Model		IDD21156&IDD22156&IDD24156
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-amouted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	18W
Physical	Dimension (WxHxD/mm)	396 x 263 x 62.5 (15.59" x 10.35" x 2.46")
	Open Size (WxH/mm)	385 x 253 (15.16" x 9.96")
	Net Weight(kg)	3.95
LCD	Display type	15.6" WXGA TFT
	Resolution	1366 x 768
	Colors	16.7M
	Active Area (WxH/mm)	344.23 x 193.54 (13.55"x 7.62")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.252 x 0.252
	Luminance(cd/m2)	300
	Contrast Ratio	3000:1
Touchscreen	Viewing Angle	(L)85 / (R)85 / (U)85 / (D)85
	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 60℃
	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
	Front Panel Protection	Front panel IP65 compliant

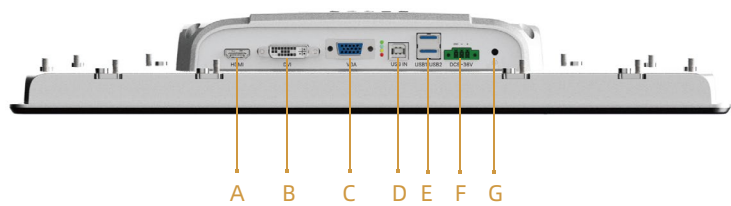
IDD21156 & IDD22156 & IDD24156

Technical Drawings unit:mm



Panel Cutout Dimensions: 385 x 253mm (15.16 x 9.96in)

External I/O View



Interface definition:

- A: HDMI

B: DVI

C: VGA

D: USB input
- E: USB output

F: DC 12~36V

G: GND

Ordering Information

Part Number	Description
IDD21156	15.6" TFT LCD / Resistive touch screen / DC 12~36V Input / Resolution 1366x768
IDD22156	15.6" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1366x768
IDD24156	15.6" TFT LCD / Non-touch screen / DC 12~36V Input / Resolution 1366x768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21156H

IDD22156H

IDD24156H



Shanghai Panelmate Electronics Co., Ltd.

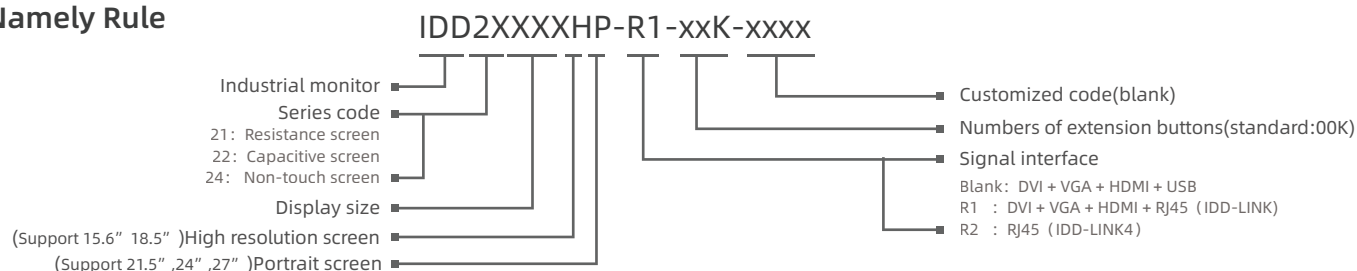
15.6" FHD Industrial Monitor(High resolution screen)



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19", 21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

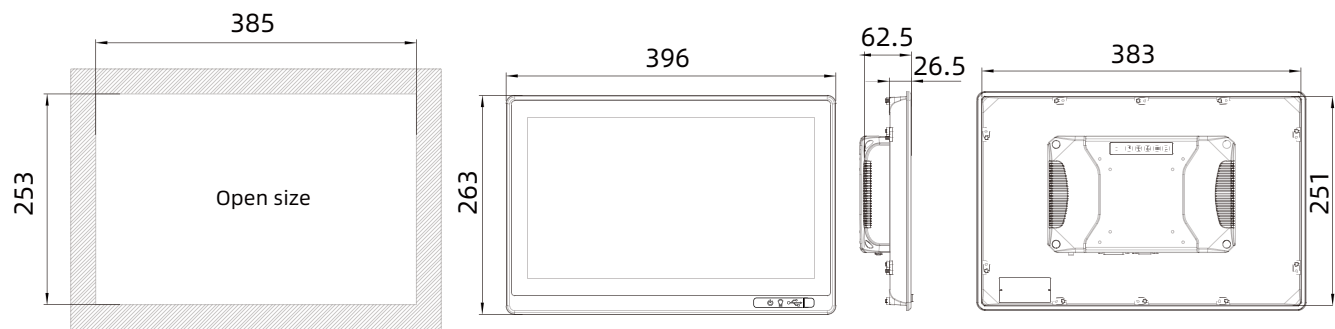
Namely Rule



Specifications

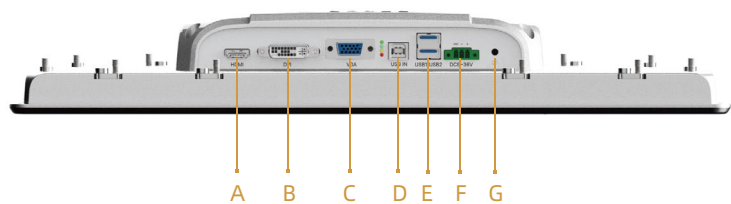
Model		IDD21156H&IDD22156H&IDD24156H
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	8W
Physical	Dimension (WxHxD/mm)	396 x 263 x 62.5 (15.59" x 10.35" x 2.46")
	Open Size (WxH/mm)	385 x 253 (15.16" x 9.96")
	Net Weight(kg)	3.95
LCD	Display type	15.6" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	344.232mm x 193.536mm (13.55"x 7.62")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.252 x 0.252
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
Touchscreen	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
Environment	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
	Operating Temperature	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 385 x 253mm (15.16 x 9.96in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21156H	15.6" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1920x1080
IDD22156H	15.6" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1920x1080
IDD24156H	15.6" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Termina	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21170

IDD22170

IDD24170



Shanghai Panelmate Electronics Co., Ltd.

17" SXGA Industrial Monitor

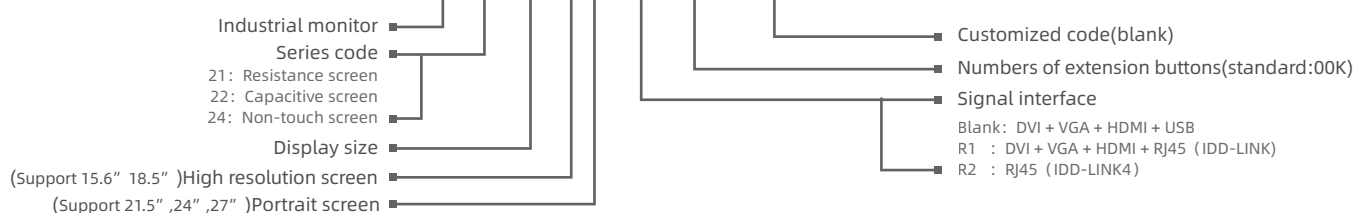


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

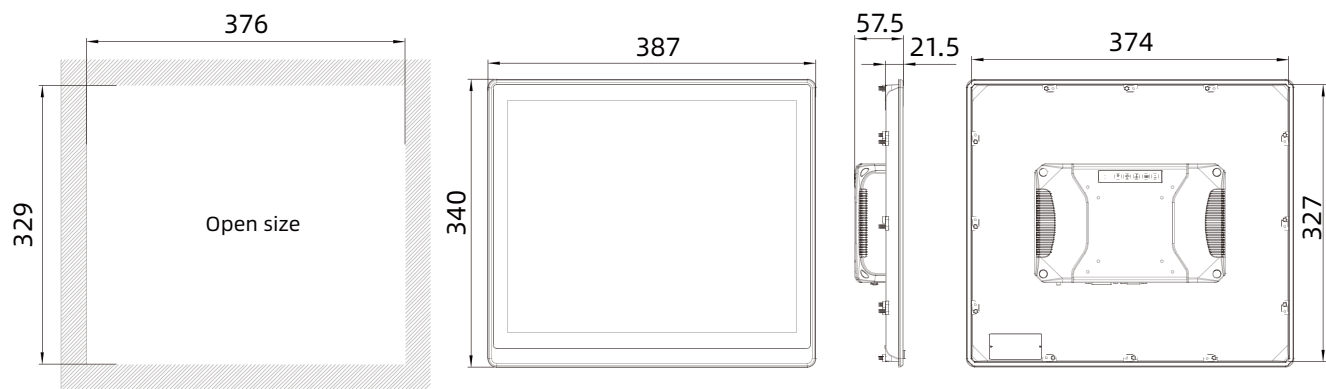
IDD2XXXXHP-R1-xxK-xxxx



Specifications

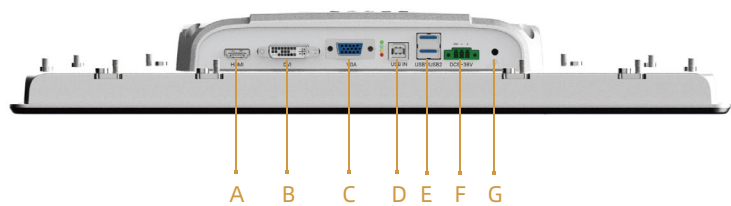
Model		IDD21170&IDD22170&IDD24170
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	12W
Physical	Dimension (WxHxD/mm)	387 x 340 x 57.5 (15.24" x 13.39" x 2.26")
	Open Size (WxH/mm)	376 x 329 (14.80" x 12.95")
	Net Weight(kg)	4.35
LCD	Display type	17" SXGA TFT
	Resolution	1280 x 1024
	Colors	16.7M
	Active Area (WxH/mm)	337.92mm x 270.34mm (13.30" x 10.64")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.264 x 0.264
	Luminance(cd/m2)	250
	Contrast Ratio	1000:1
	Viewing Angle	(L)88 / (R)88 / (U)85 / (D)85
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touchscreen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 376 x 329mm (14.80 x 12.95in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21170	17" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1280x1024
IDD22170	17" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1280x1024
IDD24170	17" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1280x1024

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21173

IDD22173

IDD24173



Shanghai Panelmate Electronics Co., Ltd.

17.3" FHD Industrial Monitor(High resolution screen)

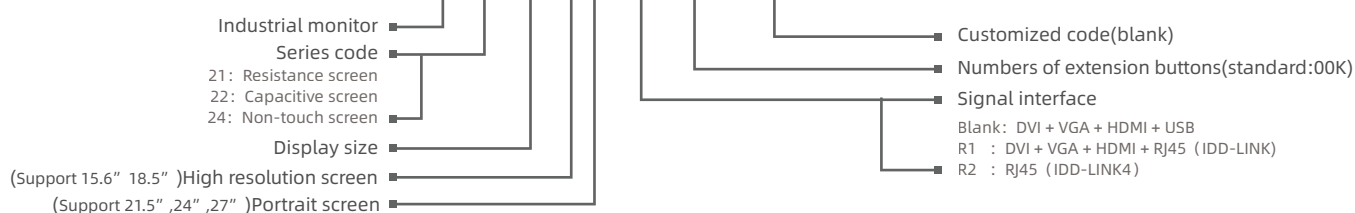


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS:Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

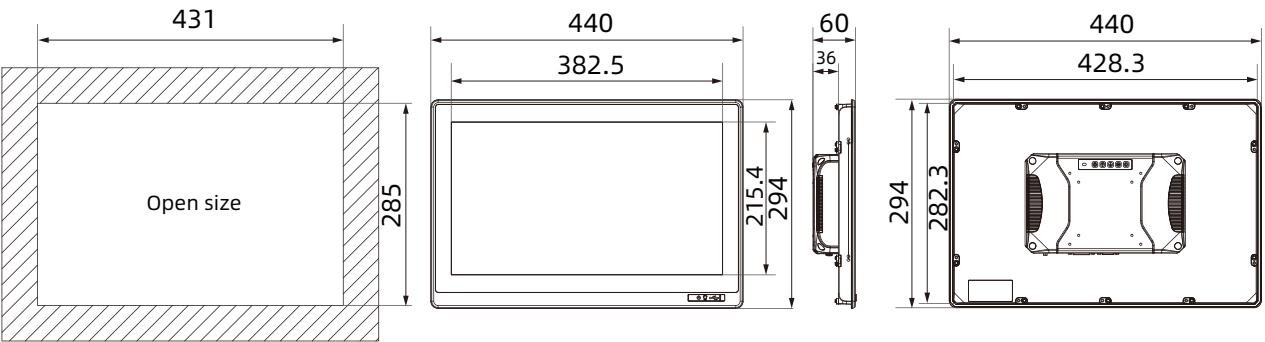
IDD2XXXXHP-R1-xxK-xxxx



Specifications

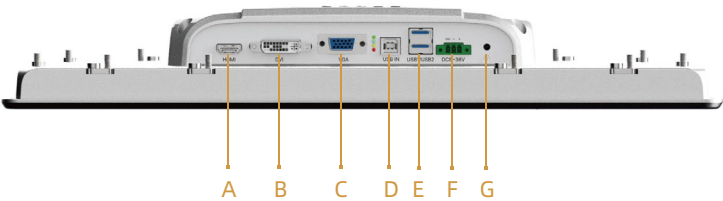
Model		IDD21173&IDD22173&IDD24173
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	14W
Physical	Dimension (WxHxD/mm)	440 x 294 x 60 (15.24" x 13.39" x 2.26")
	Open Size (WxH/mm)	299 x 285 (14.80" x 12.95")
	Net Weight(kg)	4.4
LCD	Display type	17.3" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	381.888 x 214.812 (15.03" x 8.46")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.1989 x 0.1989
	Luminance(cd/m2)	400
	Contrast Ratio	600:1
	Viewing Angle	(L)80 / (R)80 / (U)60 / (D)80
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touchscreen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 70°C
	Storage Temperature	-20 ~ 70°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 431 x 285mm (16.97 x 11.22in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21173	17.3" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1920x1080
IDD22173	17.3" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1920x1080
IDD24173	17.3" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21185
IDD22185
IDD24185



Shanghai Panelmate Electronics Co., Ltd.

18.5" WXGA Industrial Monitor

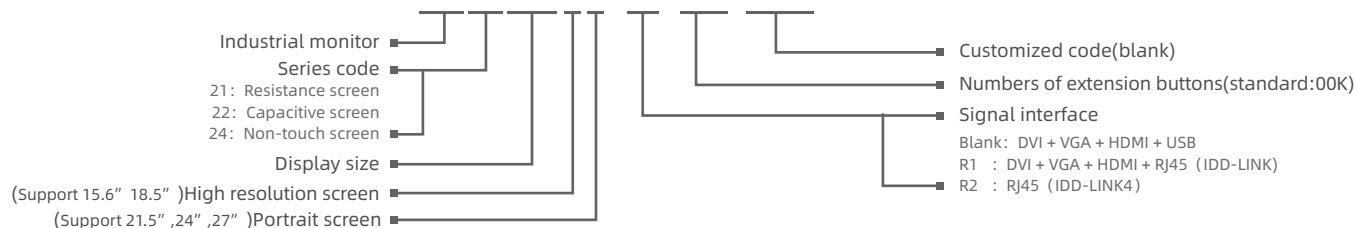


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

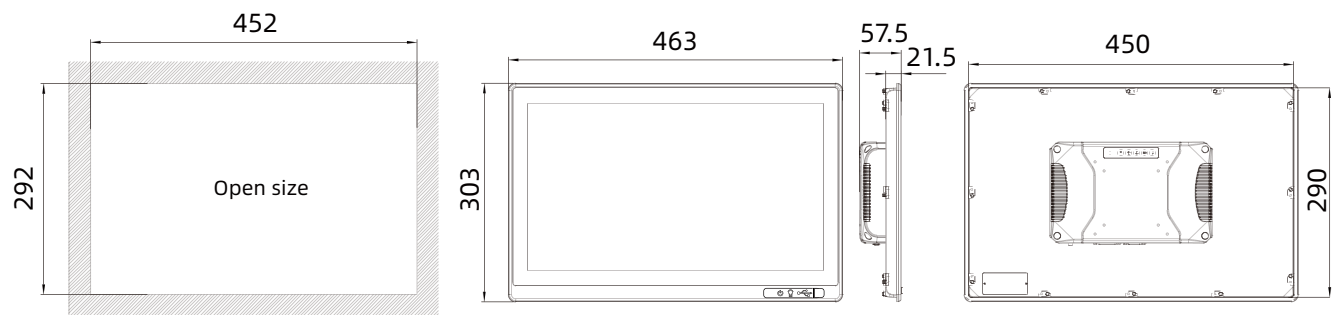
IDD2XXXXHP-R1-xxK-xxxx



Specifications

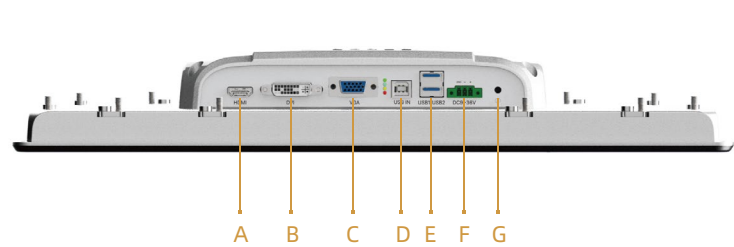
Model		IDD21185&IDD22185&IDD24185
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Amounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	16W
Physical	Dimension (WxHxD/mm)	463 x 303 x 57.5 (18.23" x 11.93" x 2.26")
	Open Size (WxH/mm)	452 x 292 (17.80" x 11.50")
	Net Weight(kg)	4.5
LCD	Display type	18.5" WXGA TFT
	Resolution	1366 x 768
	Colors	16.7M
	Active Area (WxH/mm)	409.8mm x 230.4mm (16.13" x 9.07")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.3 x 0.3
	Luminance(cd/m2)	500
	Contrast Ratio	1000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Viewing Angle	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 452 x 292mm (17.80 x 11.50in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21185	18.5" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1366X768
IDD22185	18.5" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1366x768
IDD24185	18.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1366x768

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21185H

IDD22185H

IDD24185H



Shanghai Panelmate Electronics Co., Ltd.

18.5" FHD Industrial Monitor(High resolution screen)

IDD21185H & IDD22185H & IDD24185H

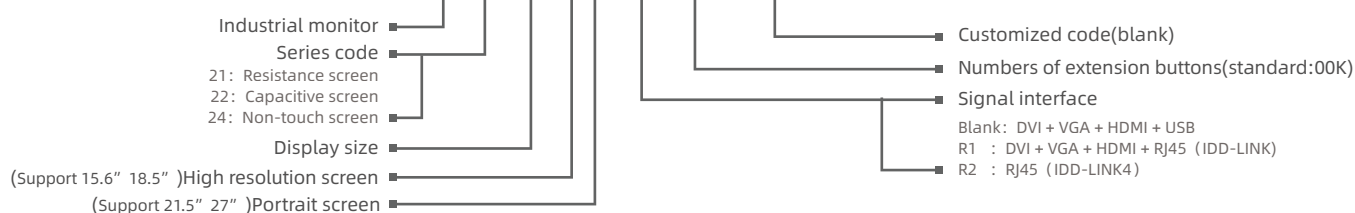


Features

- Display type: 10.1",10.4",12.1",12.2",15",15.6",17",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- Front panel/Rear: IP65 / IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Windows7, Window8, Windows10, Windows11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V wide volts range
- R1(IDD-LINK) Long distance USB signal output, support 50m
- R2(IDD-LINK4) Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

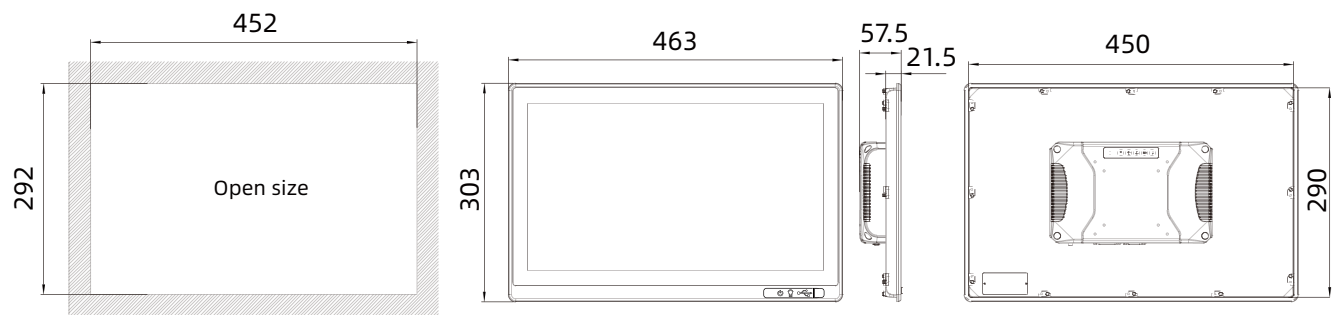
IDD2XXXXHP-R1-xxK-xxxx



Specifications

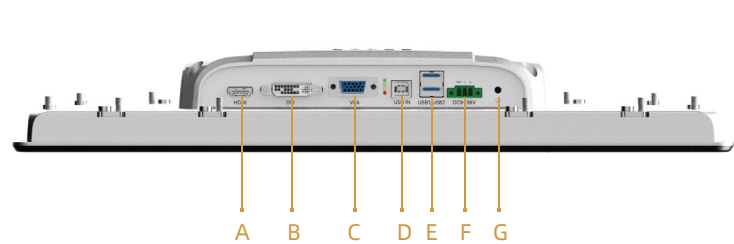
Model		IDD21185H&IDD22185H&IDD24185H
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	15W
Physical	Dimension (WxHxD/mm)	463 x 303 x 57.5 (18.23" x 11.93" x 2.26")
	Open Size (WxH/mm)	452 x 292 (17.80" x 11.50")
	Net Weight(kg)	4.5
LCD	Display type	18.5" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	408.96 x 230.4 (16.10" x 9.07")
	Backlight	LED
	MTBF(Hour)	50000hrs
	Pixel Pitch (HxV)	0.213 x 0.213
	Luminance(cd/m2)	350
	Contrast Ratio	3000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	-20~80℃
	Storage Temperature	-20~80℃
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 452 x 292mm (17.80 x 11.50in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21185H	18.5" TFT LCD / Resistive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD22185H	18.5" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD24185H	18.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminals	3pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21190

IDD22190

IDD24190



Shanghai Panelmate Electronics Co., Ltd.

19" SXGA Industrial Monitor

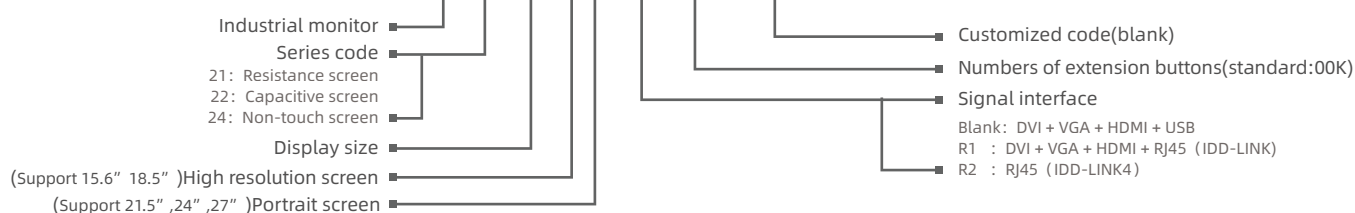


Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

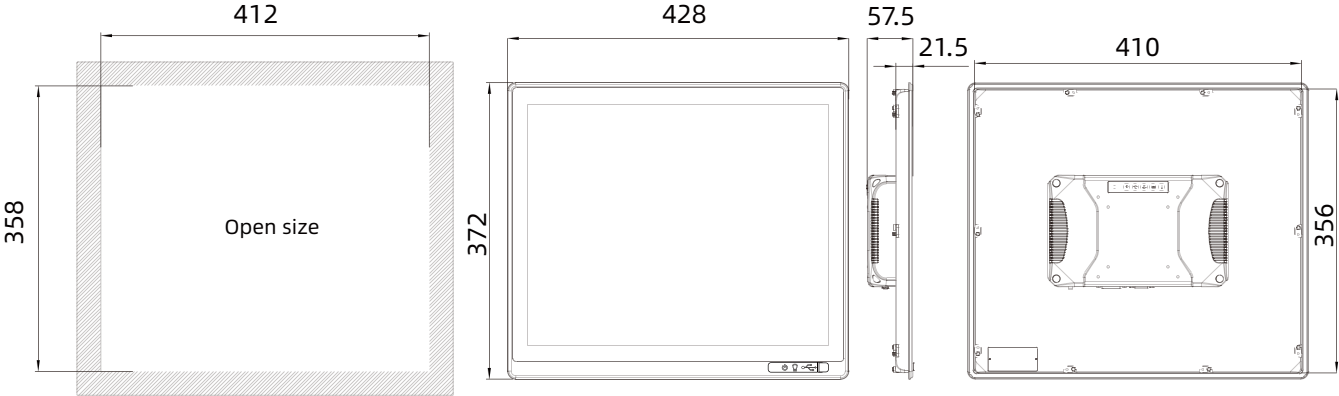
IDD2XXXXHP-R1-xxK-xxxx



Specifications

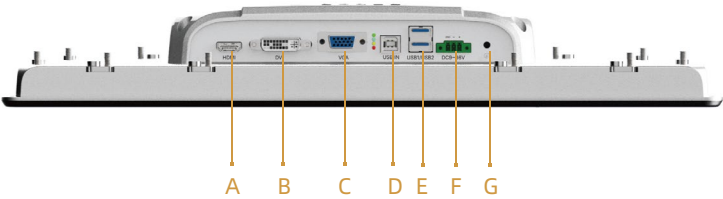
Model		IDD21190&IDD22190&IDD24190
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	14W
Physical	Dimension (WxHxD/mm)	428 x 372 x 57.5 (16.85" x 14.65" x 2.26")
	Open Size (WxH/mm)	412 x 358 (16.22" x 14.09")
	Net Weight(kg)	5.15
LCD	Display type	19" SXGA TFT
	Resolution	1280 x 1024
	Colors	16.7M
	Active Area (WxH/mm)	376.32mm x 301.06mm (14.82" x 11.85")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.294 x 0.294
	Luminance(cd/m2)	250
	Contrast Ratio	1000: 1
	Viewing Angle	(L)85 / (R)85 / (U)80 / (D)80
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	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
	Front Panel Protection	Front panel IP65 compliant

Technical Drawings unit:mm



Panel Cutout Dimensions: 412 x 358mm (16.22 x 14.09in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21190	19" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1280x1024
IDD22190	19" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1280x1024
IDD24190	19" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1280x1024

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminal	3 pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD21215 (P)

IDD22215 (P)

IDD24215 (P)



Shanghai Panelmate Electronics Co., Ltd.

21.5" FHD Industrial Monitor(Portrait Screen)

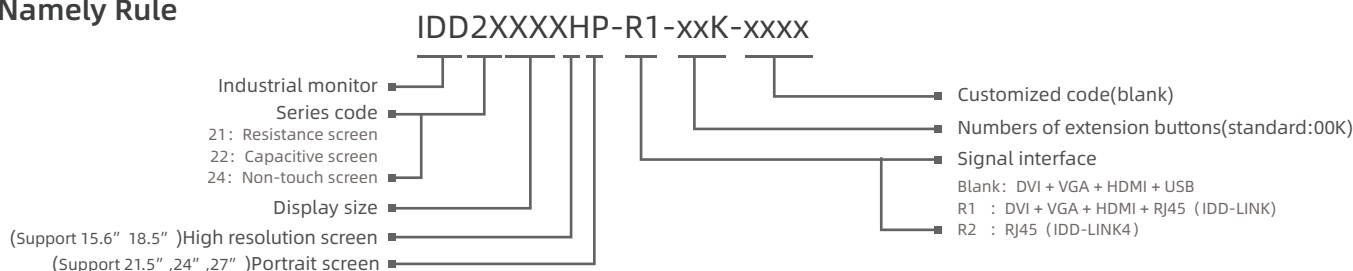
IDD21215 (P) & IDD22215 (P) & IDD24215 (P)



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

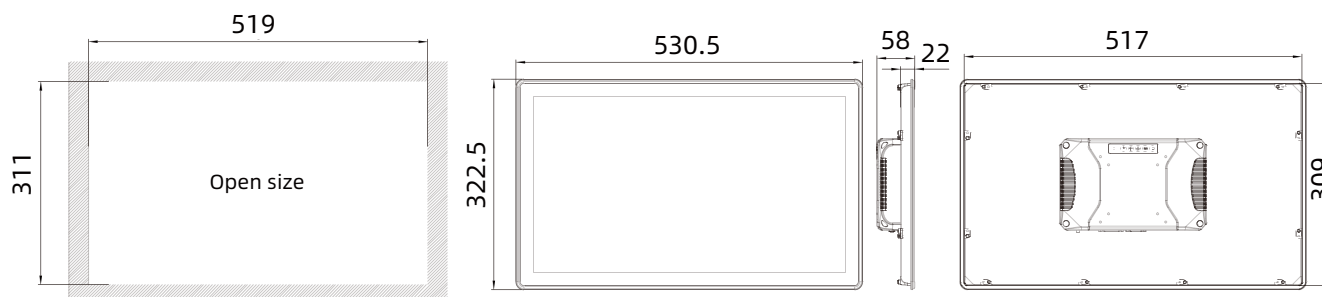


Specifications

Model		IDD21215 (P) &IDD22215 (P) &IDD24215 (P)
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	20W
Physical	Dimension (WxHxD/mm)	530.5 x 322.5 x 58 (20.89" x 12.70" x 2.28")
	Open Size (WxH/mm)	519 x 311 (20.43" x 12.24")
	Net Weight(kg)	5.2
LCD	Display type	21.5" FHD TFT
	Resolution	1920 x 1080
	Colors	16.7M
	Active Area (WxH/mm)	476.64 x 268.11 (18.77" x 10.56")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.24825 x 0.24825
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Touch Type	Single point resistive touchscreen & Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	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
	Front Panel Protection	Front panel IP65 compliant

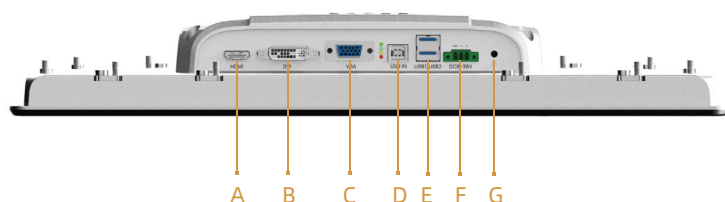
IDD21215 (P) & IDD22215 (P) & IDD24215 (P)

Technical Drawings unit:mm



Panel Cutout Dimensions: 519 x 311mm (20.43 x 12.24in)

External I/O View



Interface definition:

- A: HDMI
- B: DVI
- C: VGA
- D: USB input
- E: USB output
- F: DC 12~36V
- G: GND

Ordering Information

Part Number	Description
IDD21215 (P)	21.5" TFT LCD / Resistive touch screen / DC12~36V Input / Resolution 1920x1080
IDD22215 (P)	21.5" TFT LCD / Capacitive touch screen / DC12~36V Input / Resolution 1920x1080
IDD24215 (P)	21.5" TFT LCD / Non-touch screen / DC12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminal	3 pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD22240 (P)
IDD24240 (P)



Shanghai Panelmate Electronics Co., Ltd.

24" FHD Industrial Monitor(Portrait Screen)

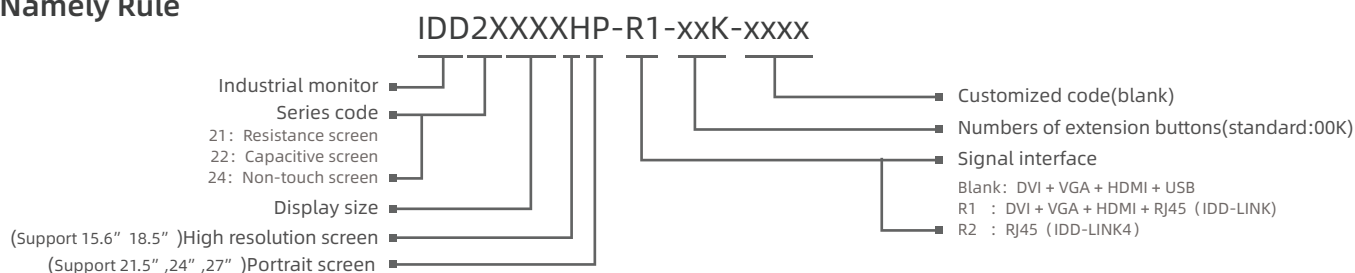
IDD22240 (P) & IDD24240 (P)



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

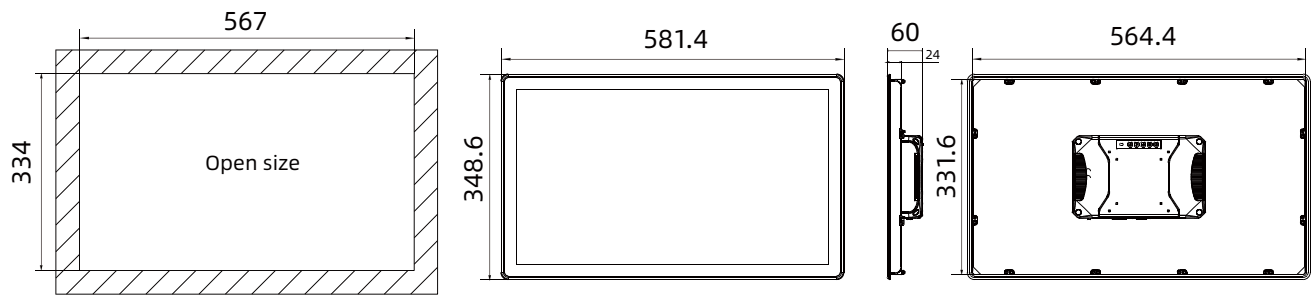


Specifications

Model		IDD22240 (P) &IDD24240 (P)
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	22W
Physical	Dimension (WxHxD/mm)	581.4 x 348.6 x 60 (22.89" x 13.72" x 2.36")
	Open Size (WxH/mm)	567 x 334 (22.32" x 13.15")
	Net Weight(kg)	6.5
LCD	Display type	24" FHD TFT
	Resolution	1920x1080
	Colors	16.7M
	Active Area (WxH/mm)	527.04 ×296.46 (20.75" x 16.67")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.2745 x 0.2745
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Touch Type	Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	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
	Front Panel Protection	Front panel IP65 compliant

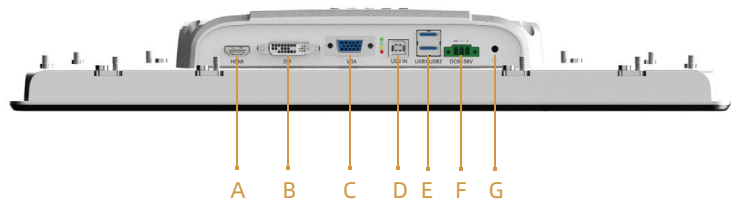
IDD22240 (P) & IDD24240 (P)

Technical Drawings unit:mm



Panel Cutout Dimensions: 567 x 334mm (22.32 x 13.15in)

External I/O View



Interface definition:

- A: HDMI

B: DVI

C: VGA

D: USB input
- E: USB output

F: DC 12~36V

G: GND

Ordering Information

Part Number	Description
IDD22240 (P)	24" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD24240 (P)	24" TFT LCD / Non-touch screen/ DC 12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminal	3 pin spring clamp terminal
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Note: Package contents are subject to change without prior notice

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IDD22270 (P)

IDD24270 (P)



Shanghai Panelmate Electronics Co., Ltd.

27" FHD Industrial Monitor(Portrait Screen)

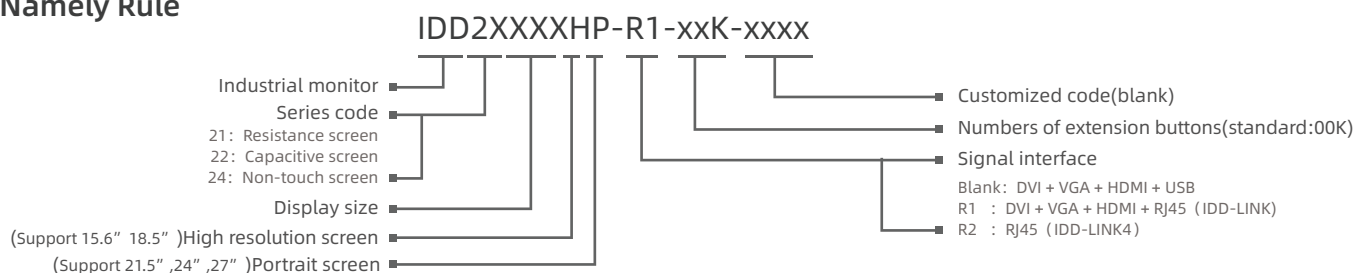
IDD22270 (P) & IDD24270 (P)



Features

- Display type: 10.1",10.4",11.6",12.1",12.2",15",15.6",17",17.3",18.5",19",21.5",24",27"
- Front panel/back cover: Aluminium-magnesium alloy
- IP: Front panel IP65 / Rear cover IP20
- Screen Type: Single point resistive touchscreen, Multi-point capacitive touchscreen, Non-touch screen
- OS: Win7, Win8, Win10, Win11, Linux, etc
- Interface: DVI, HDMI, VGA video interface, 2xUSB
- DC 12~36V
- R1(IDD-LINK),Long distance USB signal output, support 50m
- R2(IDD-LINK4),Video and USB are transmitted via a single CAT6 network cable, Transmission distance up to 100m

Namely Rule

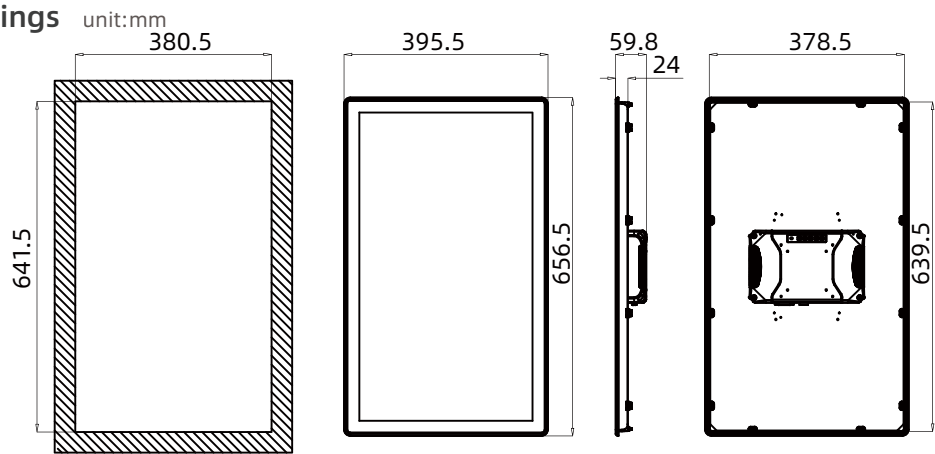


Specifications

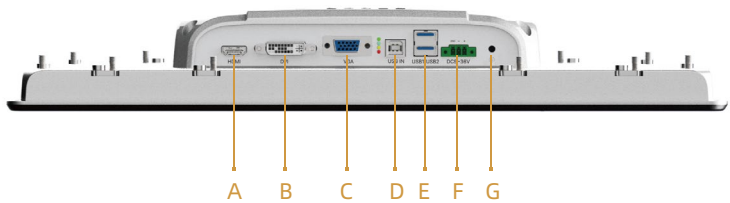
Model		IDD22270 (P) &IDD24270 (P)
Routine	Control button	Set contrast ratio and luminance via OSD at the back cover
	Housing	Front panel & back cover:Aluminium-magnesium alloy,Grounding isolation protection
	Mounting	Embedded,Wall-mounted,VESA ,Desktop
	Rear I/O	VGA & DVI & HDMI & USB
Power	Input Voltage	DC 12~36V
	Power	36W
Physical	Dimension (WxHxD/mm)	395.5 x 656.5 x 59.8(15.57" x 25.85"x 2.35")
	Open Size (WxH/mm)	380.5 x 641.5(14.98" x 25.26")
	Net Weight(kg)	8.25
LCD	Display type	27" FHD TFT
	Resolution	1920x1080
	Colors	16.7M
	Active Area (WxH/mm)	336 x 598(13.23" x 23.54")
	Backlight	LED
	MTBF(Hour)	30000hrs
	Pixel Pitch (HxV)	0.24825x0.24825
	Luminance(cd/m2)	250
	Contrast Ratio	3000:1
	Viewing Angle	(L)89 / (R)89 / (U)89 / (D)89
Touchscreen	Touch Type	Multi-point capacitive touchscreen & Non-touch screen
	Light Transmission	>85%
	Controller	USB interface
	Driver Support	Windows7, Window8, Windows10, Windows11, Linux, etc
	Multi-touch	10 points
	Surface Hardness	Resistive touchscreen: Mohs' Number >= 3H;Capacitive touchscreen: Mohs' Number 7H
Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-20 ~ 60°C
	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
	Front Panel Protection	Front panel IP65 compliant

IDD22270 (P) & IDD24270 (P)

Technical Drawings



External I/O View



Interface definition:

- | | |
|--------------|---------------|
| A: HDMI | E: USB output |
| B: DVI | F: DC 12~36V |
| C: VGA | G: GND |
| D: USB input | |

Ordering Information

Part Number	Description
IDD22270 (P)	27" TFT LCD / Capacitive touch screen / DC 12~36V Input / Resolution 1920x1080
IDD24270 (P)	27" TFT LCD / Non-touch screen/ DC 12~36V Input / Resolution 1920x1080

Optional Accessories

VGA	VGA 3m / 5m
DVI	DVI 3m / 5m / 8m / 10m
USB	USB 3m / 5m / 10m
HDMI	HDMI 3m / 5m / 10m

Packing List

Terminal	3 pin spring clamp terminal
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Note: Package contents are subject to change without prior notice