

# Мониторы открытого исполнения серии IDS-3000

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# IDS-3110

## 10.4" SVGA Industrial Open Frame Monitor

NEW



### Features

- 10.4" SVGA LCD panel with LED backlight for 20% power saving and environmental protection
- -20° C – +60° C wide range operating temperature
- 5-wire resistive touchscreen solution
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor application (optional)

### Introduction

The Advantech IDS-3110 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

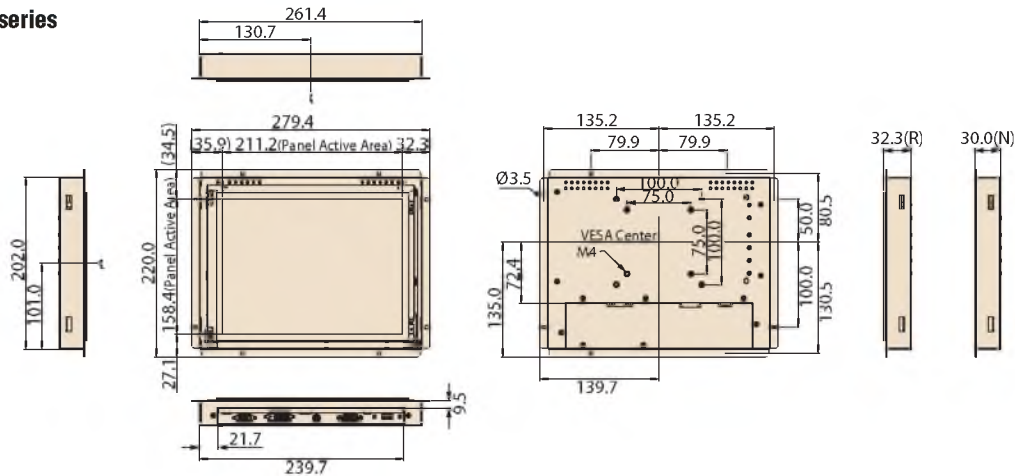
### Specifications

Display	Model	IDS-3110	IDS-3110E
	Size	10.4" LED panel	10.4" LED panel
	Resolution	800 x 600 (SVGA)	800 x 600 (SVGA)
	Viewing Angle	80°/80° (H), 60°/80° (V)	80° /80° (H), 60° /70° (V)
	Brightness	400 (cd/m <sup>2</sup> )	230 (cd/m <sup>2</sup> )
	Color Support	16.2M / 262K colors	16.2M / 262K colors
	Contrast Ratio	700:1	500:1
	Response Time	30 [msec]	35 [msec]
	Backlight Life (hrs)	50,000 hrs	30,000 hrs
Touchscreen	Touchscreen Type	5-Wire Resistive Touchscreen	
	Surface Hardness	3H	
	Durability	36 million touches	
	Transparency	81%+/-3%	
Environment	Operating Temperature	-20 – 60° C (-4 – 140° F)	0– 45° C (32 – 113° F)
	Storage Temperature	-30 – 70° C (-22 – 158° F)	-20 – 60° C (-4 – 140° F)
	Humidity	5 – 95% @ 40° C, non-condensing	
	Vibration	5-500Hz 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis	
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Settings, Color Temp, Language OSD Settings, VGA/ DVI , Recall , Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, and Language
	Power	36 W power adapter, with AC 100 – 240 V input and DC +12 V @ 3 A output	
	EMC Compliance	CE/FCC/CCC	

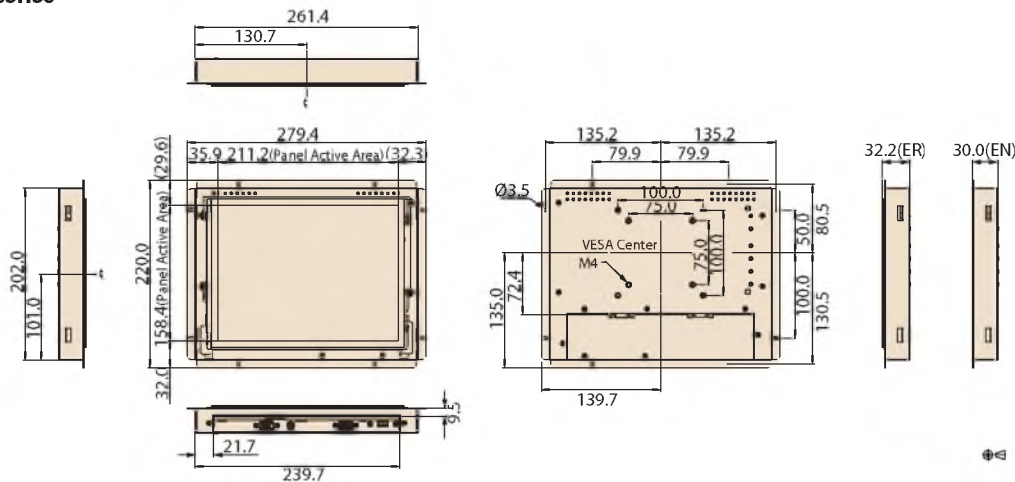
## Dimensions

Unit: mm

### IDS-3110 series



### IDS-3110E series



## Packing List

Part Number	Description
170002215	1 x M Cable USB-A(M)/USB-A(M) 180 cm
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	4 x clamper
1935042520	4 x clamper screws M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

## Optional Items

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
1700008921	3-pin power cord with PSE (Japan)
1757003553	Adapter 100-240V 36W 12V 3A W/O PFC 9NA
1700000243	DVI cable 2.0 meter
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

\* USB Cable is only included in IDS-3110R and IDS-3110ER series.

Note: Package contents are subject to change without prior notice

## Ordering Information

Model Name	Description
IDS-3110N-40SVA1E	10.4" SVGA 400 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3110R-40SVA1E	10.4" SVGA 400 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3110EN-23SVA1E	10.4" SVGA 230 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3110ER-23SVA1E	10.4" SVGA 230 cd/m <sup>2</sup> LED Open Frame Touch Monitor

# IDS-3112

## 12" SVGA / XGA Industrial Open Frame Monitor



### Features

- 12.1" SVGA / XGA LCD panel with LED backlight for 20% power savings, and environmental protection
- -20° C ~ +60° C wide range operating temperature
- 5-wire resistive touch screen solution
- Combo touch interface, both RS-232 and USB
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting method for rear mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra-high brightness: 1200 cd/m<sup>2</sup> for outdoor applications (optional)



### Introduction

The Advantech IDS-3112 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets provide the benefits of easy installation, and flexibility for different applications.

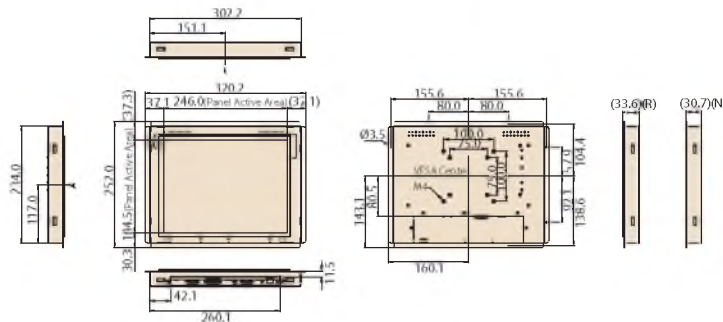
### Specifications

	Model	IDS-3112 (XGA)	IDS-3112 (SVGA)	IDS-3112E (SVGA)
Display	Size	12.1" LED panel	12.1" LED panel	12.1" LED panel
	Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)	800 x 600 (SVGA)
	Viewing Angle	80°/80° (H), 70°/70° (V)	80°/80° (H), 65°/75° (V)	80°/80° (H), 65°/75° (V)
	Brightness	600 (cd/m <sup>2</sup> )	450 (cd/m <sup>2</sup> )	450 (cd/m <sup>2</sup> )
	Color Support	16.2M/262K colors	16.2M/262K colors	16.2M/262K colors
	Contrast Ratio	700:1	700:1	700:1
	Response Time	16 [msec]	35 [msec]	35 [msec]
	Backlight Life (hrs)	50,000 hrs	50,000 hrs	50,000 hrs
	Touchscreen	T/S Type	5-Wire Resistive Touch Screen	
Surface Hardness		3H		
Durability		10 million touches		
Transparency		80% ± 3%		
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)	0~ 45° C (32 ~ 113° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 95% @ 40° C, non-condensing		
	Vibration	5-500Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis		
System	I/O	VGA x 1; DVI-D x 1; 12V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; DVI-D x 1; 12V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Function: Brightness, Contrast, Screen Setting, Color Temp, Language OSD settings, VGA/DVI, Recall, Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, Language OSD Settings, VGA/DVI, Recall, Auto Adjust.	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, and Language
	Power	36 W power adapter, with AC 100 ~ 240 V input and DC +12V @ 3 A output		
	EMC Compliance	CE/FCC/CCC		

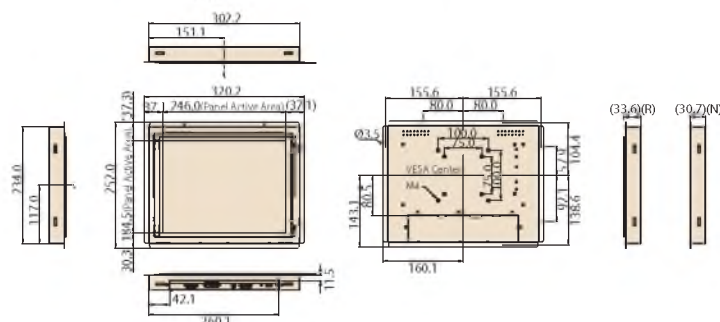
## Dimensions

Unit: mm

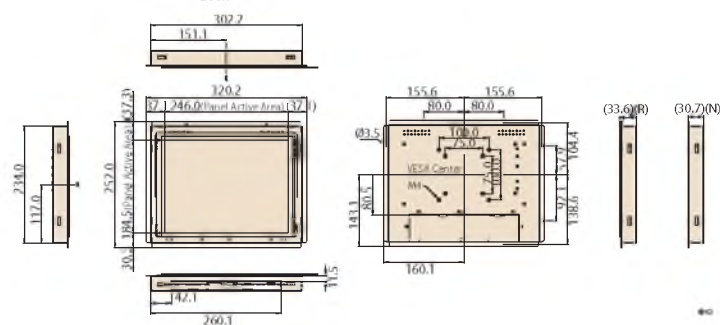
### IDS-3112 (XGA) Series



### IDS-3112 (SVGA) Series



### IDS-3112E (SVGA) Series



## Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180CM
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	4 x Clamper
1935042520	4 x Screw of clamper M4_25L
1992610005	1 x Cable clamp
1933030500	1 x Screw of cable clamp
1992602010	1 x Cable tie

\* USB Cable is only included with IDS-3112R and IDS-3112ER series. Note: Package contents are subject to change without prior notice

## Optional Items

Part Number	Description
1700001524	3-Pin Power Cord (USA)
170203183C	3-Pin Power Cord (EU)
1700008921	3-Pin Power Cord with PSE (Japan)
1757003553	Adaptor AC100-240V 36W +12V/3A W/O PFC 9NA
1700000243	DVI cable 2.0 meter
1700091800	CABLE 9P/9P 1.8M M/F (T/S RS-232 Cable)

## Ordering Information

Model Name	Description
IDS-3112N-60XGA1E	12.1" XGA 600 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3112R-60XGA1E	12.1" XGA 600 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3112N-45SVA1E	12.1" SVGA 450 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3112R-45SVA1E	12.1" SVGA 450 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3112EN-45SVA1E	12.1" VGA 450 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3112ER-45SVA1E	12.1" SVGA 450 cd/m <sup>2</sup> LED Open Frame Touch Monitor



# IDS-3115

## 15" XGA Industrial Open Frame Monitor

NEW



### Features

- 15" XGA LCD panel with LED backlight for 20% power saving and environmental protection
- Optional brightness 250-1200 cd/m<sup>2</sup> for different application environments
- -20° ~ +60° C wide range operating temperature
- 5-wire resistive and optional P-cap (dual touch is supported) touchscreen solution
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Optical bonding (optional)

### Introduction

The Advantech IDS-3115 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

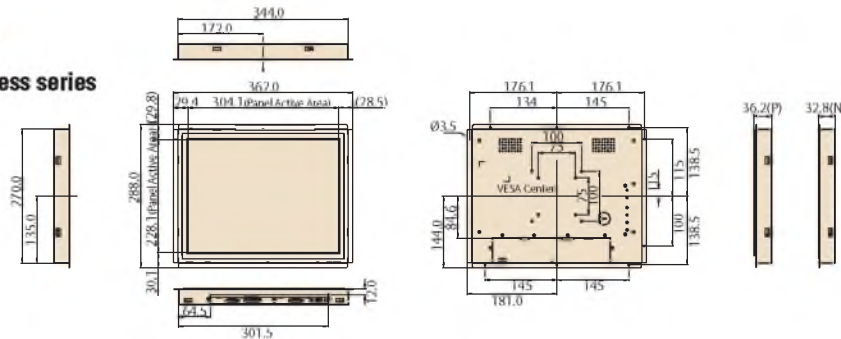
### Specifications

	Model	IDS-3115 (High Brightness)	IDS-3115	IDS-3115E
Display	Size	15" LED panel	15" LED panel	15" CCFL panel
	Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
	Viewing Angle	80°/80° (H), 70°/70° (V)	80°/80° (H), 70°/70° (V)	80°/80° (H), 80°/80° (V)
	Brightness	1200 (cd/m <sup>2</sup> )	400 (cd/m <sup>2</sup> )	250 (cd/m <sup>2</sup> )
	Color Support	16.2M / 262K colors	16.2M / 262K colors	16.7M
	Contrast Ratio	700:1	700:1	600:1
	Response Time	25 [msec]	25 [msec]	8 [msec]
	Backlight Life (hrs)	50,000 hrs	50,000 hrs	40,000 hrs
Touchscreen	Touchscreen Type	Projected Capacitive Touchscreen	5-Wire Resistive Touchscreen	5-Wire Resistive Touchscreen
	Surface Hardness	5H	3H	3H
	Durability	50 million touches	10 million touches	10 million touches
	Transparency	91% +/- 3%	80% +/- 3%	80% +/- 3%
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	-20 ~ 60° C (-4 ~ 140° F)	0- 45° C (32 ~ 113° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 95% @ 40° C, non-condensing		
	Vibration	5-500 Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis		
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1 (USB is reserved for the connection to enable touch usage only)	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Settings, Color Temp, Language OSD settings, VGA/DVI, Recall, Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Settings, Color Temp, Language OSD Settings, VGA/ DVI , Recall , Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, and Language
	Power	60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output		
	EMC Compliance	CE/FCC/CCC		

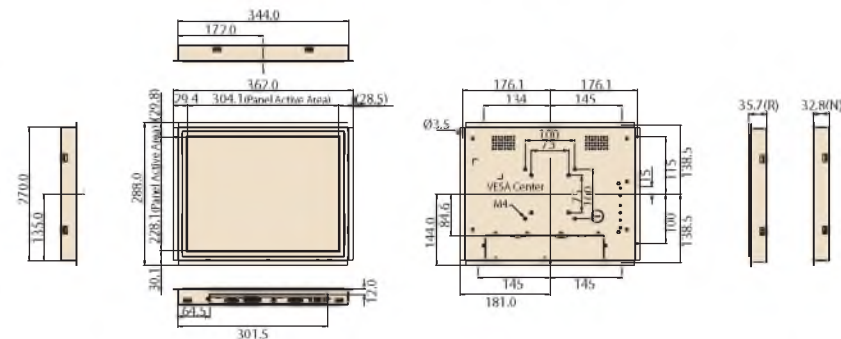
## Dimensions

Unit: mm

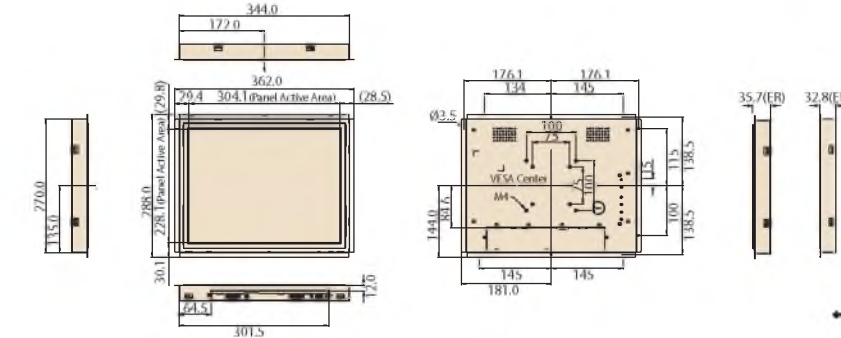
### IDS-3115 High Brightness series



### IDS-3115 series



### IDS-3115E series



## Packing List

Part Number	Description
1700002215	1 x M cable USB-A(M)/USB-A(M) 180 cm
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	8 x clasper
1935042520	8 x clasper screw M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

\* USB Cable is only included in IDS-3115P, IDS-3115R and IDS-3115ER series.  
Note: Package contents are subject to change without prior notice

## Optional Items

Part Number	Description
1702002600	Power cord 3P (USA)
1700000596	Power cord 3P (China)
1700018705	Power cord 3P (EU)
1757003934	Adapter AC100-240V 60W +12V/5A DPS-60PB A
1700000243	DVI cable 2.0 meter
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

## Ordering Information

Model Name	Description
IDS-3115N-K2XGA1E	15" XGA 1200 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3115P-K2XGA1E	15" XGA 1200 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3115N-40XGA1E	15" XGA 400 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3115R-40XGA1E	15" XGA 400 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3115EN-25XGA1E	15" XGA 250 cd/m <sup>2</sup> CCFL Open Frame Monitor
IDS-3115ER-25XGA1E	15" XGA 250 cd/m <sup>2</sup> CCFL Open Frame Touch Monitor

# IDS-3117

## 17" SXGA Industrial Open Frame Monitor

**NEW**



### Features

- 17" SXGA LCD panel with LED backlight for 20% power saving and environmental protection
- -20° C ~ +60° C wide range operating temperature
- 5-wire resistive touch screen solution
- Combo touch interface of RS-232 and USB
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Sunlight readable solution (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor application (optional)



### Introduction

The Advantech IDS-3117 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

### Specifications

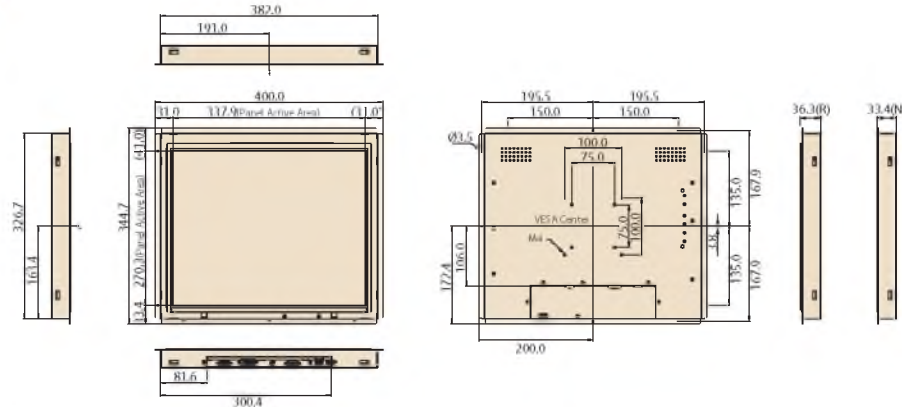
		IDS-3117	IDS-3117E
Display	Model	IDS-3117	IDS-3117E
	Size	17" LED panel	17" CCFL panel
	Resolution	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
	Viewing Angle	85°/85° (H), 80°/80° (V)	85°/85° (H), 80°/80° (V)
	Brightness	350 (cd/m <sup>2</sup> )	380 (cd/m <sup>2</sup> )
	Color Support	16.7M colors	16.7M colors
	Contrast Ratio	800:1	1000:1
	Response Time	30 [msec]	5 [msec]
Backlight Life (hrs)	50,000 hrs	50,000 hrs	
Touchscreen	T/S Type	5-Wire Resistive Touch Screen	
	Surface Hardness	3H	
	Durability	10 million touches	
	Transparency	80% ± 3%	
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	0~ 45° C (32 ~ 113° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10~90% @ 40° C, non-condensing	
	Vibration	5-500Hz 0.026G <sup>2</sup> /Hz 2.16Grms X, Y, Z	
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Settings, Color Temp, Language OSD Settings, VGA/ DVI , Recall , Auto Adjust	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, Language
	Power	60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output	
	EMC Compliance	CE/FCC/CCC	



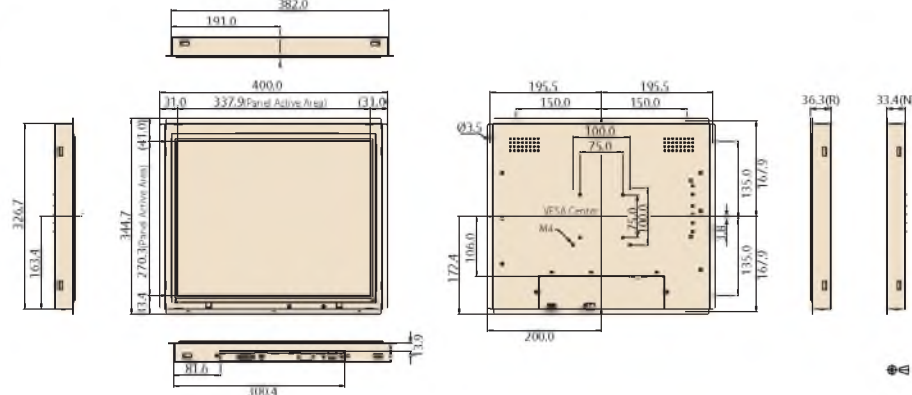
## Dimensions

Unit: mm

### IDS-3117 series



### IDS-3117E series



## Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180CM
1700021332-01	1 x VGA cable 15P(M) 1.8 meter
1962055040	8 x Clamper
1935042520	8 x Screw of clamper M4_25L
1992610005	1 x Cable clamp
1933030500	1 x Screw of cable clamp
1992602010	1 x Cable tie

\* USB Cable is only included in IDS-3117R and IDS-3117ER series.

Note: Package contents are subject to change without prior notice

## Optional Items

Part Number	Description
1702002600	Power Cord 3P (USA)
1700000596	Power Cord 3P (China)
1700018705	Power Cord 3P (EU)
1757003934	ADAPTER AC100-240V 60W +12V/5A DPS-60PB A
1700000243	DVI cable 2.0 meter
1700091800	CABLE 9P/9P 1.8M M/F (T/S RS-232 Cable)

## Ordering Information

Model Name	Description
IDS-3117N-35SXA1E	17" SXGA 350 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3117R-35SXA1E	17" SXGA 350 cd/m <sup>2</sup> LED Open Frame Touch Monitor
IDS-3117EN-38SXA1E	17" SXGA 380 cd/m <sup>2</sup> CCFL Open Frame Monitor
IDS-3117ER-38SXA1E	17" SXGA 380 cd/m <sup>2</sup> CCFL Open Frame Touch Monitor

# IDS-3119

## 19" SXGA Industrial Open Frame Monitor

NEW



### Features

- 19" SXGA LCD panel with LED backlight for 20% power saving and environmental protection
- 0° C ~ +45° C operating temperature
- 5-wire resistive touch screen solution
- Combo touch interface of RS232 and USB
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting methods for rear mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor application (optional)

### Introduction

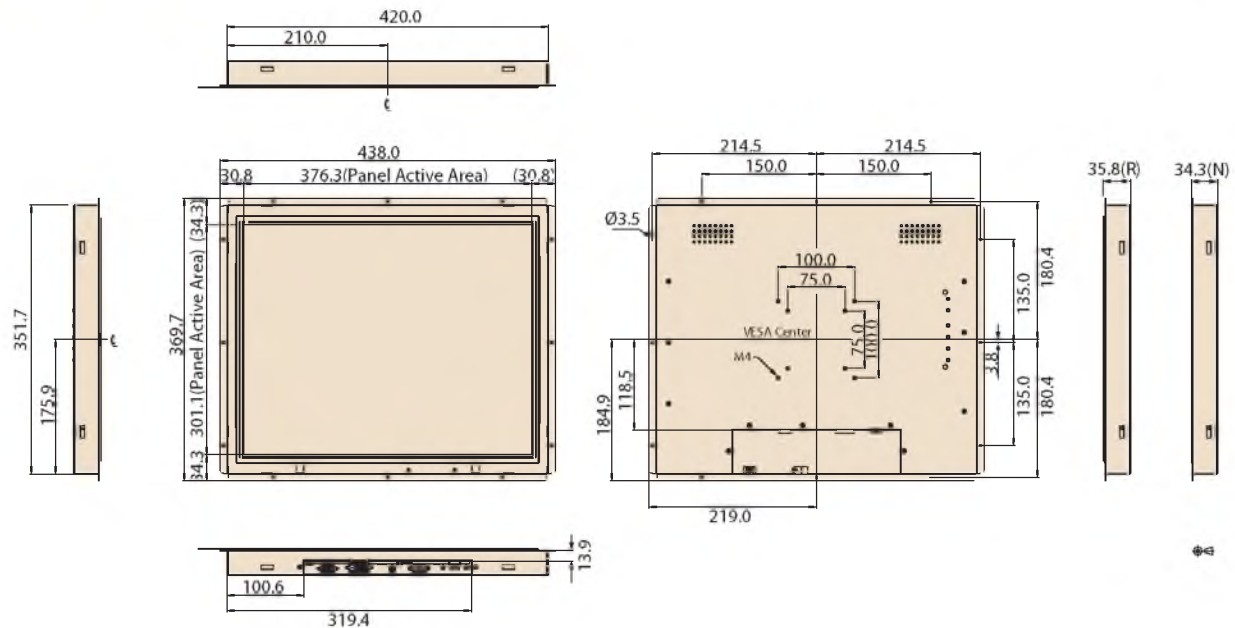
The Advantech IDS-3119 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

### Specifications

Display	Model	IDS-3119
	Size	19" LED panel
	Resolution	1280 x 1024 (SXGA)
	Viewing Angle	85°/85° (H), 80°/80° (V)
	Brightness	350 (cd/m <sup>2</sup> )
	Color Support	16.7M colors
	Contrast Ratio	1000:1
	Response Time	5 [msec]
Backlight Life (hrs)	50,000 hrs	
Touchscreen	T/S Type	5-Wire Resistive Touch Screen
	Surface Hardness	3H
	Durability	10 million touches
	Transparency	80% ± 3%
Environment	Operating Temperature	0~ 45° C (32 ~ 113° F)
	Storage Temperature	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 90% @ 40° C, non-condensing
	Vibration	5-500Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis
System	I/O	VGA x1; DVI-D x 1; 12 VDC Jack x 1; USB x 1; RS232 x 1 (USB & RS232 are reserved for the Connection to enable touch usage only)
	OSD	Keys; Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, Language OSD Settings, VGA/DVI, Recall, Auto Adjust
	Power	60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output
	EMC Compliance	CE/FCC/CCC

## Dimensions

Unit: mm



## Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180CM
1700021332-01	1 x VGA cable 15P(M) 1.8 meter
1962055040	8 x Clamper
1935042520	8 x Screw of clamper M4_25L
1992610005	1 x Cable clamp
1933030500	1 x Screw of cable clamp
1992602010	1 x Cable tie

\* USB Cable is only included in IDS-3119R series.

Note: Package contents are subject to change without prior notice

## Optional Items

Part Number	Description
1702002600	3-Pin Power Cord (USA)
1700000596	3-Pin Power Cord (EU)
1700018705	3-Pin Power Cord with PSE (Japan)
1757003934	Adaptor AC100-240V 60W +12V/5A DPS-60PB A
1700000243	DVI cable 2.0 meter
1700091800	CABLE 9P/9P 1.8M M/F (T/S RS232 Cable)

## Ordering Information

Model Name	Description
IDS-3119N-35SXA1E	19" SXGA 350 cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3119R-35SXA1E	19" SXGA 350 cd/m <sup>2</sup> LED Open Frame Touch Monitor

# IDS-3210

## 10.4" SVGA Industrial Panel Mount Monitor

NEW



### Features

- 10.4" SVGA LCD panel with LED backlight for 20% power saving and environmental protection
- -20° C ~ +60° C wide range operating temperature
- 5-wire resistive touchscreen solution or 3mm tempered smudge resistant protected glass
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI
- Standard integrated frame
- Versatile mounting methods for front mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor application (optional)

### Introduction

The Advantech IDS-3210 Embedded Panel Mount Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series with standard integrated frame design, supports front and VESA mounting which brings the benefits of easy installation and provides flexibility for different applications.

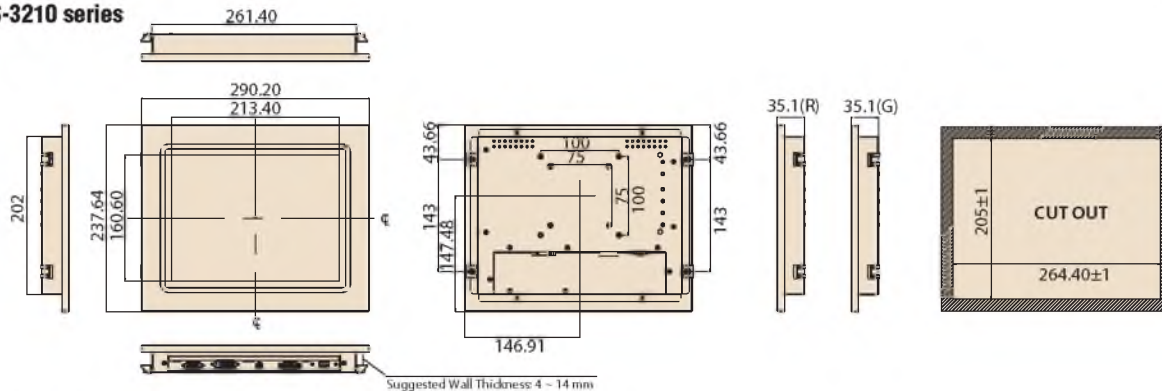
### Specifications

Display	Model	IDS-3210	IDS-3210E
	Size	10.4" LED panel	10.4" LED panel
	Resolution	800 x 600 (SVGA)	800 x 600 (SVGA)
	Viewing Angle	80°/80° (H), 60°/80° (V)	80° /80° (H), 60° /70° (V)
	Brightness	400 (cd/m <sup>2</sup> )	230 (cd/m <sup>2</sup> )
	Color Support	16.2M / 262K colors	16.2M / 262K colors
	Contrast Ratio	700:1	500:1
	Response Time	30 [msec]	35 [msec]
	Backlight Life (hrs)	50,000 hrs	30,000 hrs
Touchscreen	Touchscreen Type	5-Wire Resistive Touchscreen	
	Surface Hardness	3H	
	Durability	36 million touches	
	Transparency	81%+/-3%	
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	0~ 45° C (32 ~ 113° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 95% @ 40° C, non-condensing	
	Vibration	5-500Hz 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis	
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: menu, up, down, auto adjust, monitor power on/off Menu Functions: brightness, contrast, screen settings, color temp, language OSD settings, VGA/DVI, recall, auto adjust	Keys: menu, up, down, auto adjust, monitor power on/off Menu Functions: brightness, contrast, color adjust, color temp, auto color and language
	Power	36 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 3 A output	
	EMC Compliance	CE/FCC/CCC	

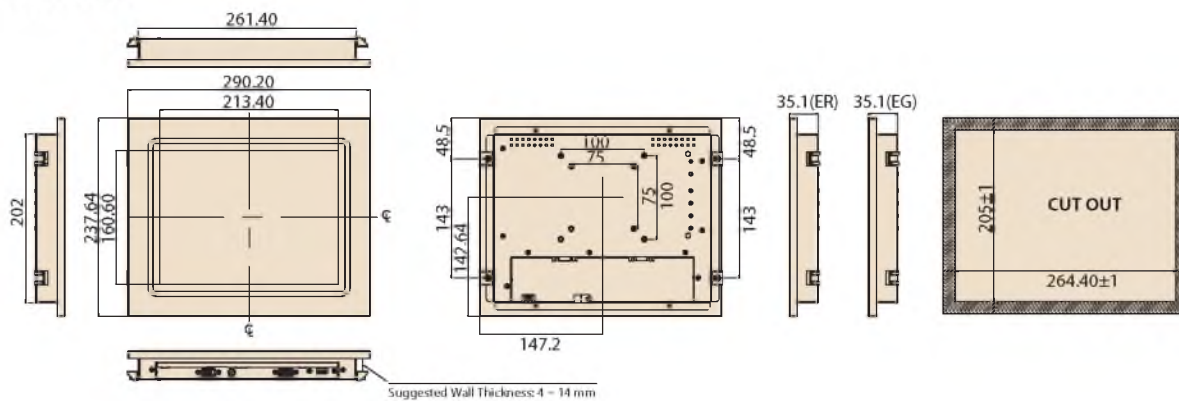
## Dimensions

Unit: mm

### IDS-3210 series



### IDS-3210E series



## Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180 cm
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	4 x clammer
1935042520	4 x clammer screws M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

\* USB Cable is only included in IDS-3210R and IDS-3210ER series.  
Note: Package contents are subject to change without prior notice

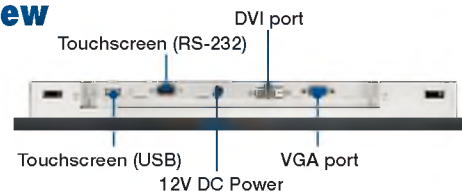
## Optional Items

Part Number	Description
1700001524	3-pin power cord (US)
170203183C	3-pin power cord (EU)
1700008921	3-pin power cord with PSE (Japan)
1757003553	Adapter 100-240V 36W 12V 3A W/O PFC 9NA
170000243	DVI cable 2.0 meter
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

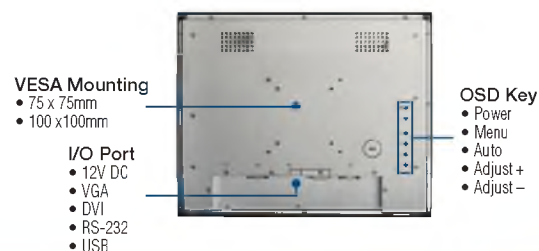
## Ordering Information

Model Name	Description
IDS-3210G-40SVA1E	10.4" SVGA 400 cd/m <sup>2</sup> LED Panel Mount Monitor
IDS-3210R-40SVA1E	10.4" SVGA 400 cd/m <sup>2</sup> LED Panel Mount Touch Monitor
IDS-3210EG-23SVA1E	10.4" SVGA 230 cd/m <sup>2</sup> LED Panel Mount Monitor
IDS-3210ER-23SVA1E	10.4" SVGA 230 cd/m <sup>2</sup> LED Panel Mount Touch Monitor

## I/O view



## Rear View





# IDS-3215

## 15" XGA Industrial Panel Mount Monitor

NEW



### Features

- 15" XGA LCD panel with LED backlight for 20% power saving and environmental protection
- -20° ~ +60° C wide range operating temperature
- 5-wire resistive touchscreen solution or 3mm tempered smudge resistant protected glass
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI
- Standard integrated frame
- Versatile mounting methods for front mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor applications (optional)

### Introduction

The Advantech IDS-3215 Embedded Industrial Panel Mount Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series with standard integrated frame design, supports front and VESA mounting which brings the benefits of easy installation and provides flexibility for different applications.

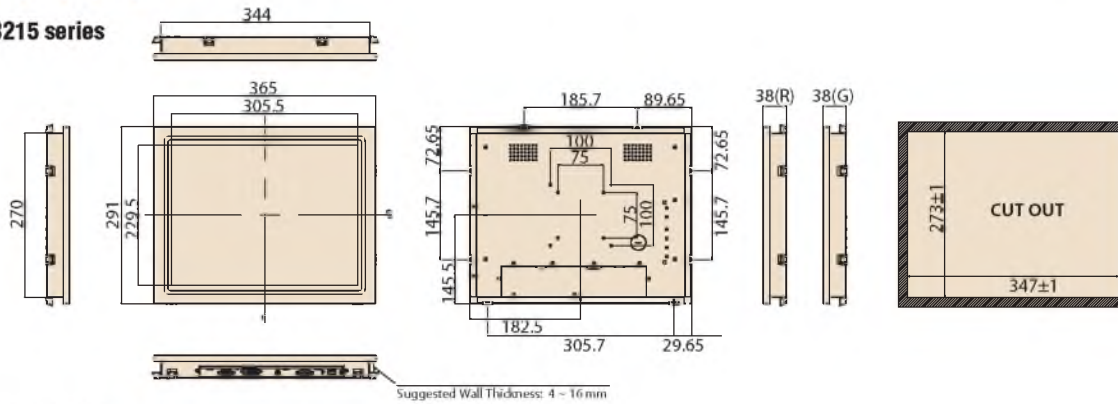
### Specifications

Display	Model	IDS-3215	IDS-3215E
	Size	15" LED panel	15" CCFL panel
	Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)
	Viewing Angle	80°/80° (H), 70°/70° (V)	80°/80° (H), 80°/80° (V)
	Brightness	400 (cd/m <sup>2</sup> )	250 (cd/m <sup>2</sup> )
	Color Support	16.2M / 262K colors	16.7M
	Contrast Ratio	700:1	600:1
	Response Time	16 [msec]	8 [msec]
	Backlight Life (hrs)	50,000 hrs	40,000 hrs
Touchscreen	Touchscreen Type	5-Wire resistive touchscreen	
	Surface Hardness	3H	
	Durability	10 million touches	
	Transparency	80%+/-3%	
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	0 ~ 45° C (32 ~ 113° F)
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 95% @ 40° C, non-condensing	
	Vibration	5-500 Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis	
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	VGA x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: menu, up, down, auto adjust, monitor power on/off Menu Functions: brightness, contrast, screen settings, color temp, language OSD settings, VGA/DVI, recall, auto adjust	Keys: menu, up, down, auto adjust, monitor power on/off Menu Functions: brightness, contrast, color adjust, color temp, auto color, and language
	Power	60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output	
	EMC Compliance	CE/FCC/CCC	

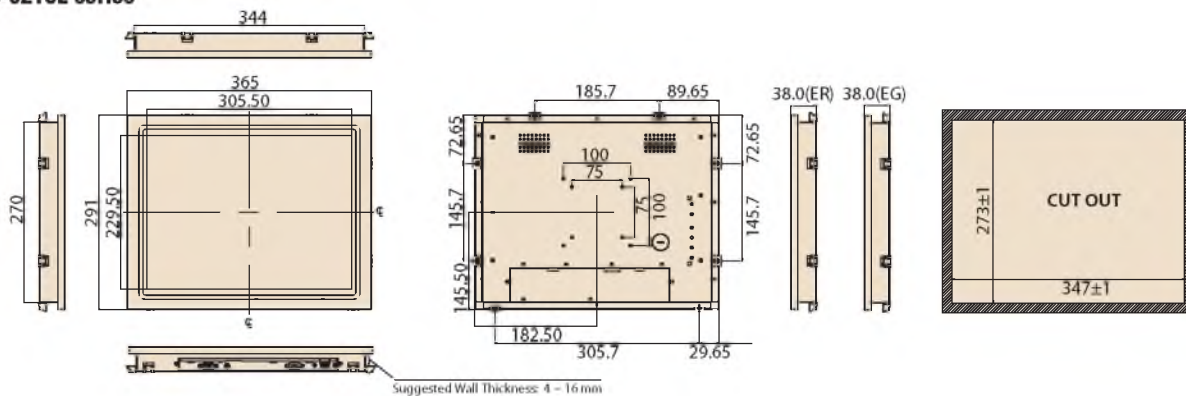
## Dimensions

Unit: mm

### IDS-3215 series



### IDS-3215E series



## Packing List

Part Number	Description
170002215	1 x M cable USB-A(M)/USB-A(M) 180 cm
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	8 x clammer
1935042520	8 x clammer screw M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

\* USB Cable is only included in IDS-3215R and IDS-3215ER series.

Note: Package contents are subject to change without prior notice

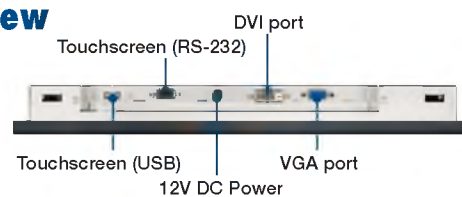
## Optional Items

Part Number	Description
1702002600	Power cord 3P (USA)
170000596	Power cord 3P (China)
1700018705	Power cord 3P (EU)
1757003934	Adapter AC100-240V 60W +12V/5A DPS-60PB A
1700000243	DVI cable 2.0 meter
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

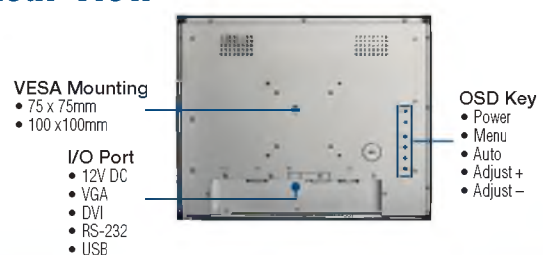
## Ordering Information

Model Name	Description
IDS-3215G-40XGA1E	15" XGA 400 cd/m <sup>2</sup> LED Panel Mount Monitor
IDS-3215R-40XGA1E	15" XGA 400 cd/m <sup>2</sup> LED Panel Mount Touch Monitor
IDS-3215EG-25XGA1E	15" XGA 250 cd/m <sup>2</sup> CCFL Panel Mount Monitor
IDS-3215ER-25XGA1E	15" XGA 250 cd/m <sup>2</sup> CCFL Panel Mount Touch Monitor

## I/O view



## Rear View



# IDS-3219

## 19" SXGA Industrial Panel Mount Monitor

NEW



### Features

- 19" SXGA LCD panel with LED backlight for 20% power saving and environmental protection
- 0° ~ +45° C operating temperature
- 5-wire resistive touchscreen solution or 3mm tempered smudge resistant protected glass
- Combo touch interface: RS-232 and USB
- Dual signal interface with VGA & DVI
- Standard integrated frame
- Versatile mounting methods for front mounting and VESA mounting
- Anti-Reflective treatment (optional)
- Ultra high brightness solution of 1200 cd/m<sup>2</sup> for outdoor applications (optional)



### Introduction

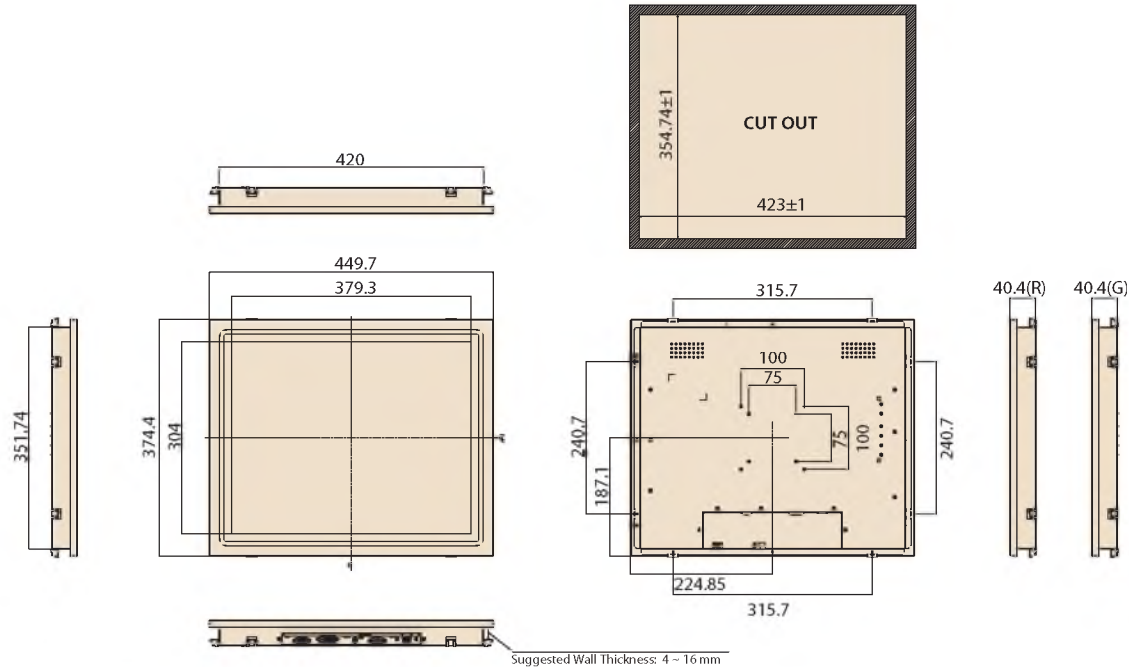
The Advantech IDS-3219 Embedded Industrial Panel Mount Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series with standard integrated frame design, supports front and VESA mounting which brings the benefits of easy installation and provides flexibility for different applications.

### Specifications

Display	Model	IDS-3219
	Size	19" LED panel
	Resolution	1280 x 1024 (SXGA)
	Viewing Angle	85°/85° (H), 80°/80° (V)
	Brightness	350 (cd/m <sup>2</sup> )
	Color Support	16.7M colors
	Contrast Ratio	1000:1
	Response Time	5 [msec]
Backlight Life (hrs)	50,000 hrs	
Touchscreen	Touchscreen Type	5-Wire resistive touchscreen
	Surface Hardness	3H
	Durability	10 million touches
	Transparency	80%±3%
Environment	Operating Temperature	0- 45° C (32 - 113° F)
	Storage Temperature	-20 - 60° C ( -4 - 140° F)
	Humidity	5 - 95% @ 40° C, non-condensing
	Vibration	5-500 Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis
System	I/O	VGA x 1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only) Keys: menu, up, down, auto adjust, monitor power on/off
	OSD	Menu Functions: brightness, contrast, screen settings, color temp, language OSD settings, VGA/ DVI, recall, auto adjust
	Power	60 W power adapter, with AC 100 - 240 V input and DC +12 V @ 5 A output
	EMC Compliance	CE/FCC/CCC

## Dimensions

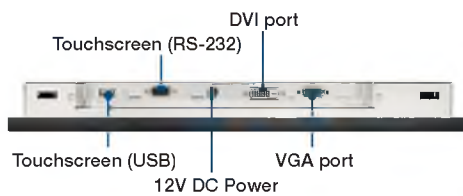
Unit: mm



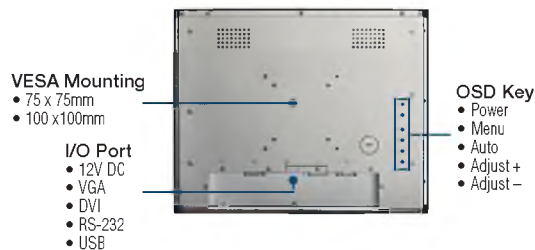
## Ordering Information

Model Name	Description
IDS-3219G-35SXA1E	19" SXGA 350 cd/m <sup>2</sup> LED Panel Mount Monitor
IDS-3219R-35SXA1E	19" SXGA 350 cd/m <sup>2</sup> LED Panel Mount Touch Monitor

## IO view



## Rear View



## Packing List

Part Number	Description
1700002215	1 x M cable USB-A(M)/USB-A(M) 180 cm
1700021332-01	1 x VGA cable 15P(M) 180 cm
1962055040	8 x clammer
1935042520	8 x clammer screw M4_25L
1992610005	1 x cable clamp
1933030500	1 x cable clamp screw
1992602010	1 x cable tie

\* USB Cable is only included in IDS-3219R series.

Note: Package contents are subject to change without prior notice

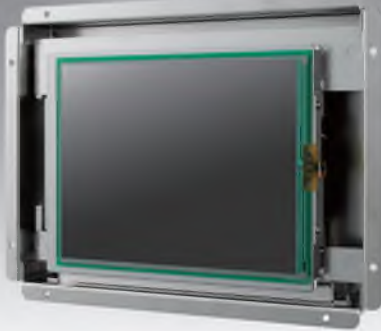
## Optional Items

Part Number	Description
1702002600	Power cord 3P (USA)
1700000596	Power cord 3P (China)
1700018705	Power cord 3P (EU)
1757003934	Adapter AC100-240V 60W +12V/5A DPS-60PB A
1700000243	DVI cable 2.0 meter
1700091800	Cable 9P/9P 1.8M M/F (Touchscreen RS-232 cable)

# IDS-3106

## 6.5" VGA Industrial Open Frame Monitor

NEW



### Features

- 6.5" VGA LCD panel with LED backlight for 20% power saving and environmental protection
- 0° C ~ +50° C range operating temperature
- 4-wire resistive touchscreen solution
- USB touch interface
- Dual signal interface with VGA & DVI
- Integrated bracket for easy installation
- Versatile mounting method for rear mounting and VESA mounting
- Anti-reflective treatment for sunlight readable enhancement (optional)

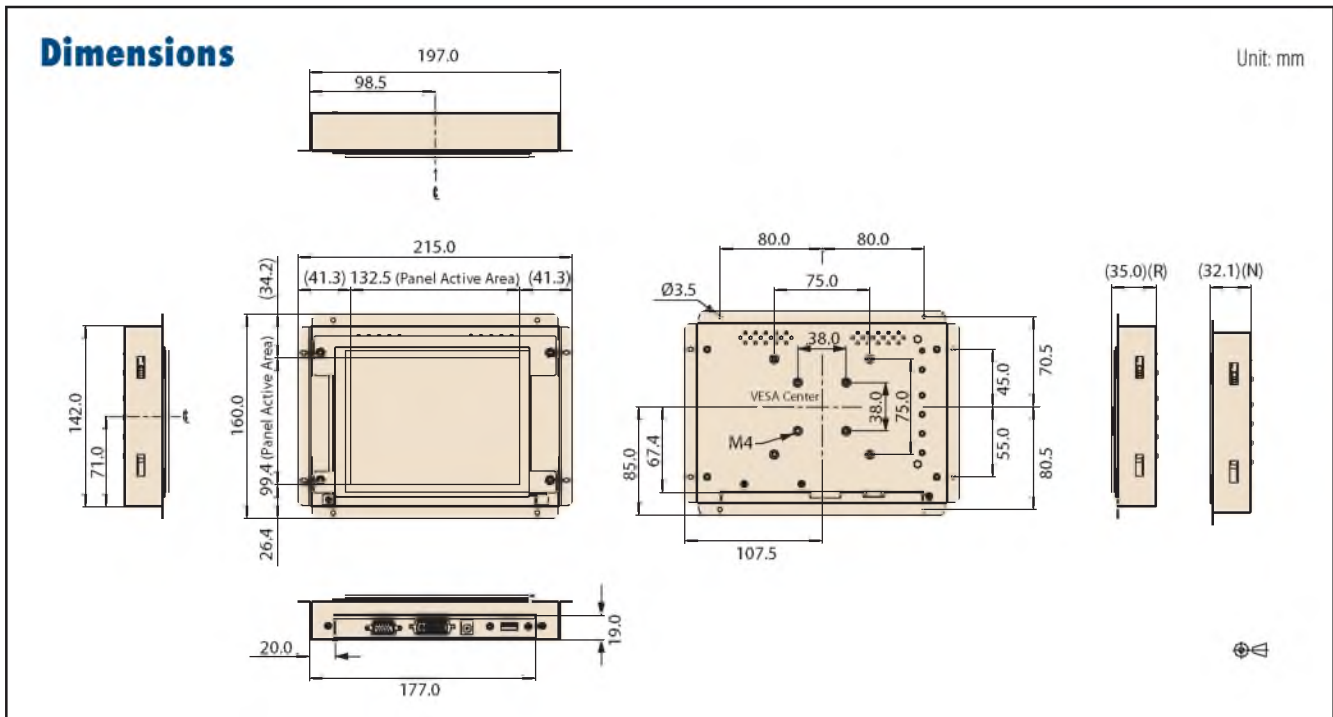
### Introduction

The Advantech IDS-3106 Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

### Specifications

Display	Model	IDS-3106
	Size	6.5" LED panel
	Resolution	640 x 480 (VGA)
	Viewing Angle	80°/80° (H), 70°/70° (V)
	Brightness	800 (cd/m <sup>2</sup> )
	Color Support	16.2M/262K colors
	Contrast Ratio	600:1
	Response Time	25 [msec]
Backlight Life (hrs)	50,000 hrs	
Touchscreen	T/S Type	4-Wire Resistive Touch Screen
	Surface Hardness	3H
	Durability	1 million touches
	Transparency	80% ± 3%
Environment	Operating Temperature	0- 50° C (32 - 122° F)
	Storage Temperature	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	5 ~ 95% @ 40° C, non-condensing
	Vibration	5-500Hz, 0.026G <sup>2</sup> /Hz, 2.16Grms, X, Y, Z 1 hour per axis
System	I/O	VGA x1; DVI-D x 1; 12 V <sub>DC</sub> Jack x 1; USB x 1 (USB is reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, Language OSD Settings, VGA/DVI, Recall, Auto Adjust.
	Power	36 W power adapter, with AC 100 ~ 240 V input and DC +12V @ 3 A output
	EMC Compliance	CE/FCC/CCC





### Packing List

Part Number	Description
1700002215	1 x M Cable USB-A(M)/USB-A(M) 180CM
1700021332-01	1 x VGA cable 15P(M) 1.8 meter
1962055040	4 x Clamper
1935042520	4 x Screw of clamper M4_25L

\* USB Cable is only included in IDS-3106R series.

Note: Package contents are subject to change without prior notice

### Optional Items

Part Number	Description
1700001524	3-Pin Power Cord (USA)
170203183C	3-Pin Power Cord (EU)
1700008921	3-Pin Power Cord with PSE (Japan)
1757003553	Adaptor AC100-240V 36W +12V/3A W/O PFC 9NA
1700000243	DVI cable 2.0 meter

### Ordering Information

Model Name	Description
IDS-3106N-80VGA1E	6.5" VGA 800cd/m <sup>2</sup> LED Open Frame Monitor
IDS-3106R-80VGA1E	6.5" VGA 800cd/m <sup>2</sup> LED Open Frame Touch Monitor

For more compatible embedded board solution, please visit our Build Your display web page as bellow  
<http://www.advantech.com/buildyourdisplay>

# IDS-3121GD

## 21.5" FHD OpenFrame Monitor

NEW



### Features

- 21.5" Full HD 1920 x 1080 LCD panel with LED backlight for 20% power saving and environmental protection
- 0° C – 45° C range operating temperature
- Surface capacitive touchscreen solution
- USB touch interface
- Signal interface: VGA & DVI with optional HDMI
- Integrated bracket for easy installation
- Versatile mounting method for rear mounting and VESA mounting



### Introduction

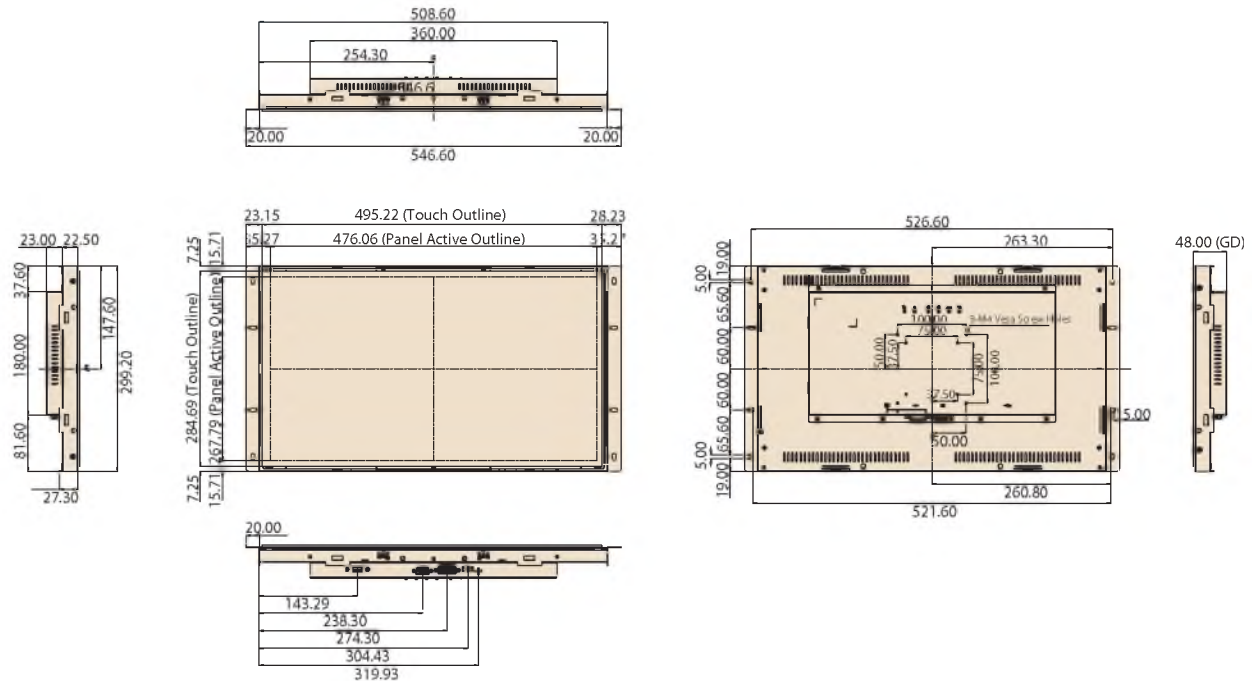
The Advantech IDS-3121GD Embedded Open Frame Monitor series offers flexible options for LCD, touchscreen, signal interface and chassis mounting. The series supports rear and VESA mounting. The integrated brackets bring the benefits of easy installation and provide flexibility for different applications.

### Specifications

Display	Model	IDS-3121GD		
	Size	21.5" LED panel		
	Resolution	1920 x 1080 (FHD)		
	ViewingAngle	178°(H), 178°(V)		
	Brightness	250 (cd/m <sup>2</sup> )		
	ColorSupport	16.7M colors		
	ContrastRatio	1000:1		
	ResponseTime	14ms (Typ.)		
Backlight Life (hrs)	30,000 hrs			
Touchscreen	Touchscreen	Surface Capacitive TouchScreen		
	Surface Hardness	Mohs 7		
	Durability	200 million touches		
	Transparency	91.5% ±1.5%		
Environment	OperatingTemperature	0 ~ 45° C		
	StorageTemperature	-20 ~ 60° C		
	Humidity	10 ~ 90% @ 40° C, non-condensing		
	Vibration (non-operating)	Vibration:	1.5Grms, random wave, Freq.: 10-20Hz, Duration : 30 mins each Axis.	Shock: 50G, half-sine wave, Active time 20ms, Direction: +X, +Y, ±Z (one time for each Axis)
System	I/O	VGA x1; DVI-D x 1; 12V <sub>DC</sub> Jack x 1; USB x 1 (USB is reserved for the connection to enable touch usage only)		
	OSD	Keys: Power on/off, Menu/Enter, Left/Up, Right/Down, Exit/Auto, Source Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, OSD Language, VGA/DVI/ Auto Search, Reset, Auto Adjust		
	Power	60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output Consumption: 30 W (Max.)		
	EMC Compliance	CE/FCC		

## Dimensions

Unit: mm



## Packing List

### Description

- 1 x M Cable USB-A(M)/USB-A(M) 1.8 meter
- 1 x VGA cable 15P (M) 1.8 meter

## Optional Items

### PartNumber

### Description

- | PartNumber | Description                               |
|------------|---|
| 1702002600 | 3-Pin powercord(USA)                      |
| 1700000596 | 3-Pin powercord(EU)                       |
| 1700018705 | 3-Pin powercord with PSE(Japan)           |
| 1700000243 | DVI cable 2.0 meter                       |
| 1757003934 | Adaptor AC100-240V 60W +12V/5A DPS-60PB A |

## Ordering Information

### ModelName

### Description

- | ModelName          | Description  |
|--------------------|--|
| IDS-3121GD-25FHA2E | 21.5" FHD 250 cd/m <sup>2</sup> LED Open Frame touch monitor |

**По вопросам продаж и поддержки обращайтесь:**

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Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93