

Crystal Displays Industrial & Gaming Monitor Products

Open Frame



Chassis



Panoramic stretched & Bar Type LCD

Standard aspect ratio LCD



4:3



16:9



Resized Cut LCD
(1/2, 1/3, 2/3, 1/4, 2/5 Cut)



2:1, 3:1, 5:2,
.....



Panel mount



Rack mount





Products

Preliminary Version

I. Industrial display

Open Frame & Chassis Frame
Panel Mount & Rack Mount Monitor

Panoramic & BAR LCD

Touch Screen Solution

Projected Capacitive Touch Monitor

II. Gaming Display

Economic Open Frame Monitor

III. Super Slim Display (Smart)

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

Products List

<Customize Frame Design>

< Touch Solution>



-Open Frame



-Chassis



*Touch Screen

- Projected Capacitive
- Resistive(4W,5W,8W)
- Surface Capacitive
- IR
- SAW

*Cover Glass (P-CAP)

*Multi Touch



-Panel mount



-Rack mount

KEY FEATURES

- Professional LCD Display 24/7 environments
- Industrial A/D board with Industrial components
- Wide Input Voltage Range (Optional)
- Water proof/Dust proof(Front, Full) (Optional)
- IR & RS232 Serial Remote Control (Optional)
- Customize Frame Design by request
 - Open, Chassis, Panel Mount, Rack Mount
- Sizes : 5.7" ~ 32"
- Various Touch overlays & Protection Glass
 - Resistive, Capacitive, P-CAP, IR, SAW
- Signal Input
 - RGB, DVI, HDMI, Display Port, Video
- RoHS Compliance, CE (50 Models) Certified
- **UL (21.5", 23") Certified** ,FCC are optional

<Wide Range DC Power>

Input Range	Output	Rated Power
9.2~18Vdc	12 / 24 V	15~50W
10~32Vdc	12 / 24 V	50W
18~36Vdc	12 / 24 V	15~50W
19~36Vdc	12 / 24 V	100~350W
19~72Vdc	12 / 24 V	500~1000W
36~72Vdc	12 / 24 V	15~350W
72~144Vdc	12 / 24 V	100~1000W

<Signal Input>



-HDMI -DVI -RGB -SVIDEO -CVBS(BNC)



-Display Port

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor

Preliminary Version

Products List

MODEL	CDS APR SERIES						
	CDS-A0571		CDS-A0650	CDS-A0700	CDS-A0840	CDS-T0841	
Inch	5.7"		6.5"	7.0"	8.4"	8.4"	
LCD Panel	AUO G057VN01		AUO G065VN01	AUO G070VW01	AUO G084SN05	TIANMA TM084SDHG01	
Panel Active Area H x V (mm)	115.2x86.4		132.48x99.36	152.40x91.44	170.4x127.8	170.4x127.8	
Panel Outline Dimension H x V x D (mm)	144.0x104.6 x12.3		153.0x118.0 x10.9	170.0x111.0 X7.5	203.0x142.5 x8.0	203.0x142.5 X5.7	
Number of Pixel (Aspect Ratio)	640x480 (4:3)		640x480 (4:3)	800x480 (5:3)	800x600 (4:3)	800x600 (4:3)	
Back Light Unit	LED		LED	LED	LED	LED	
Brightness (cd/m ²)	700		700	400	450	250	
Viewing Angle(R/L/U/D)	80/80/70/70		80/80/70/70	80/80/60/80	80/80/80/60	70/70/60/70	
Power Consumption	10W		10W	10W	10W	10W	
Operating Temperature	0°C~70°C		0°C~70°C	0°C~70°C	0°C~70°C	0°C~70°C	E&OE

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

MODEL	CDS APR RANGE							
	CDS-C1041	CDS-C1042	CDS-A1041	CDS-A1042	CDS-T1041	CDS-A1160	CDS-L1211	
Inch	10.4"	10.4"	10.4"	10.4"	10.4"	11.6"		12.1"
LCD Panel	CPT CLAA104XA02CW	CMO G104X1-L03	AUO G104SN02	AUO G104XVN01	TIANMA TM104SDH01	AUO A116XW02		LG LB121S03
Panel Active Area H x V (mm)	211.2x158.4	210.4x157.8	211.2x158.4	210.4x157.8	211.2x158.4	256.12x144.0		246.0x184.5
Panel Outline Dimension H x V x D (mm)	236.0x174.3 x7.4	238.6x175.8 x7.47	243.0x184.0 x8.0	238.6x175.8 x6.5	236.0x176.9 x5.6	282.2x168.0 X11.6		276.0x209.0 X9.0
Number of Pixel (Aspect Ratio)	1024x768 (4:3)	1024x768 (4:3)	800x600 (4:3)	1024x768 (4:3)	800x600 (4:3)	1366x768 (16:9)		800x600 (4:3)
Back Light Unit	LED	LED	LED	LED	LED	LED		LED
Brightness (cd/m ²)	400	350	400	400	400	275		450
Viewing Angle(R/L/U/D)	70/70/60/60	88/88/88/88	80/80/60/80	89/89/89/89	70/70/60/70	60/60/35/55		70/70/55/65
Power Consumption	10W	10W	10W	10W	10W	15W		15W
Operating Temperature	0°C~60°C	0°C~70°C	0°C~70°C	0°C~70°C	0°C~70°C	0°C~70°C		0°C~70°C

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

Products List

MODEL	CDS APR RANGE							
	CDS-A1211	CDS-T1211	CDS-T1500	CDS-T1501	CDS-L1501		CDS-L1502	CDS-A1500
Inch	12.1"	12.1"	15.0"	15.0"		15.0"	15.0"	15.0"
LCD Panel	AUO G121XN01	TIANMA TM121SDS01	TIANMA TM150TDS50	TIANMA TMS150XG1		LG LB150X03-TL01	LG LB150X03-TL02	AUO G150XTN01
Panel Active Area H x V (mm)	245.76x184.32	246.0x184.5	304.13x228.10	304.13x228.10		304.13x228.10	304.13x228.10	304.13x228.10
Panel Outline Dimension H x V x D (mm)	279.0x209.0 x9.0	279.0x209.0 x9.0	326.5x253.5 x11.8	326.5x253.5 x11.13		326.5x253.5 x11.2	326.5x253.5 x11.2	326.0x253.5 x13.1
Number of Pixel (Aspect Ratio)	1024x768 (4:3)	800x600 (4:3)	1024x768 (4:3)	1024x768 (4:3)		1024x768 (4:3)	1024x768 (4:3)	1024x768 (4:3)
Back Light Unit	LED	LED	LED	CCFL		LED	LED	LED
Brightness (cd/m ²)	500	450	400	250		400	250	350
Viewing Angle(R/L/U/D)	80/80/60/80	80/80/65/75	80/80/80/80	80/80/80/80		70/70/55/65	70/70/55/65	80/80/60/80
Power Consumption	15W	15W	20W	20W		20W	15W	15W
Operating Temperature	0°C~70°C	0°C~70°C	0°C~70°C	0°C~50°C		0°C~70°C	0°C~70°C	0°C~70°C

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

MODEL	CDS APR RANGE							
	CDS-A1501	CDS-A1560	CDS-A1561		CDS-L1701	CDS-A1700	CDS-A1701	CDS-A1702
Inch	15.0"	15.6"	15.6"		17.0"	17.0"	17.0"	17.0"
LCD Panel	AUO G150XTN03	AUO G156XW01	AUO G156XW01		LG LM170E03	AUO G170EG01	AUO G170EG01	AUO M170ETN01
Panel Active Area H x V (mm)	304.13x228.10	344.23x193.53	344.23x193.53		337.92x270.34	337.92x270.34	337.92x270.34	337.92x270.34
Panel Outline Dimension H x V x D (mm)	326.0x253.5 X12.0	363.8x215.9 X14.3	363.8x215.9 X16.85		358.5x296.5 x13.5	358.5x296.5 x15.8	358.5x296.5 x18.0	358.5x296.5 x15.8
Number of Pixel (Aspect Ratio)	1024x768 (4:3)	1366x768 (16:9)	1366x768 (16:9)		1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)
Back Light Unit	LED	CCFL	LED		CCFL	CCFL	LED	CCFL
Brightness (cd/m ²)	250	300	300		250	380	350	250
Viewing Angle(R/L/U/D)	85/85/80/80	85/85/80/80	85/85/80/80		85/85/75/85	85/85/80/80	85/85/80/80	85/85/80/80
Power Consumption	15W	20W	15W		25W	35W	25W	25W
Operating Temperature	0°C~65°C	0°C~50°C	0°C~50°C		0°C~50°C	0°C~50°C	0°C~70°C	0°C~50°C

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

[Products List](#)

MODEL	CDS APR RANGE							
	CDS-A1703	CDS-A1731	CDS-A1850	CDS-A1851	CDS-L1901		CDS-A1900	CDS-A1901
Inch	17.0"	17.3"	18.5"	18.5"		19.0"	19.0"	19.0"
LCD Panel	AUO G170ETN01	AUO G173HW01	AUO M185XTN01	AUO G185XW01		LG LM190E09	AUO M190ETN01	AUO G190EG02
Panel Active Area H x V (mm)	337.92x270.34	381.89x214.81	409.8x230.4	409.8x230.4		376.32x301.06	376.32x301.06	376.32x301.06
Panel Outline Dimension H x V x D (mm)	358.5x296.5 x18.0	403x240 x12.5	430.4x254.6 x9.9	430.4x254.6 x16.4		396.0x324.0 x9.9	396.0x324.0 X10.9	396.0x324.0 x18.4
Number of Pixel (Aspect Ratio)	1280x1024 (5:4)	1920x1080 (16:9)	1366x768 (16:9)	1366x768 (16:9)		1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)
Back Light Unit	LED	LED	LED	LED		LED	LED	LED
Brightness (cd/m ²)	250	400	250	300		250	250	300
Viewing Angle(R/L/U/D)	85/85/80/80	80/80/60/80	85/85/80/80	85/85/80/80		85/85/75/85	85/85/80/80	89/89/89/89
Power Consumption	20W	25W	25W	25W		25W	25W	35W
Operating Temperature	0°C~50°C	0°C~70°C	0°C~50°C	0°C~50°C		0°C~50°C	0°C~50°C	0°C~50°C

1. Industrial display

Open & Chassis Frame, Panel & Rack Mount Monitor **Preliminary Version**

MODEL	CDS APR RANGE							
	A1911	A1903	A1904	L1951	L2011	A2151	A2152	L2152
	NEW 2013 1Q							
Inch	19.0"	19.0"	19.0"	19.5"	20.1"	21.5"	21.5"	21.5"
LCD Panel	AUO M190EG01	AUO M190PTN01	AUO G190EG02	LG LM195WD1	LG LM201U05	AUO T215HVN01	AUO G215HVN01	LG LM215WF3
Panel Active Area H x V (mm)	376.32x301.06	408.24x255.15	376.32x301.06	433.92x236.34	408.0x306.0	476.64x268.11	476.64x268.11	475.2x267.3
Panel Outline Dimension H x V x D (mm)	396.0x324.0 X17.5	428.0x278.0 X10.3	396.0x324.0 X17.5	452.0x263.0 x10.5	432.0x331.5 x25.0	495.6x292.2 X10.6	495.6x292.2 x17.35	495.6x292.2 x10.2
Number of Pixel (Aspect Ratio)	1280x1024 (5:4)	1440x900 (16:10)	1280x1024 (5:4)	1600x900 (16:9)	1600x1200 (4:3)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
Back Light Unit	CCFL	LED	LED	LED	CCFL	LED	LED	LED
Brightness (cd/m ²)	300	250	600	250	300	250	300	250
Viewing Angle(R/L/U/D)	89/89/89/89	85/85/80/80	89/89/89/89	85/85/75/85	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Power Consumption	40W	30W	60W	25W	50W	30W	30W	30W
Operating Temperature	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C

Others available upon request

1. Industrial display

Panoramic & BAR LCD

Preliminary Version

Products List



KEY FEATURES

- Special Resolution for Application
- Low Power Consumption LED Backlight
- IR & RS232 Serial Remote Control (Optional)
- Sizes : 6.2" ~ 38"
- Customized Size (Cut) Available
- Signal Input
 - RGB, DVI, HDMI, Display Port, Video
- RoHS Compliance
- CE, UL, FCC are optional

Standard aspect ratio LCD

Resized Cut LCD (1/2, 1/3, 2/3, 1/4, 2/5 Cut)



4:3



16:9

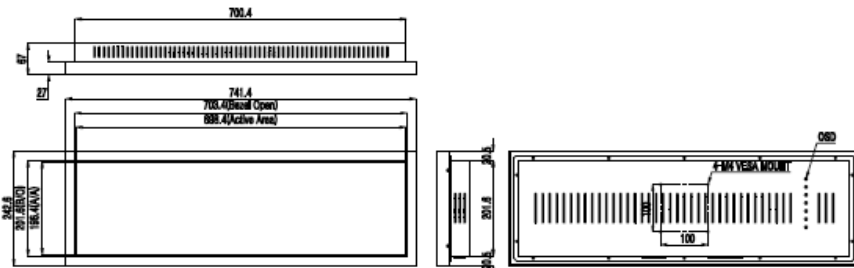


2:1, 3:1, 5:2,

<Applications>

- Transportation: Subway, Airport, Train Terminals etc.
- Advertisement: Shopping mall, Retail Store, Restaurant etc.
- Gaming: Slot machine, Roulette, etc.
- Public information: Government, Elevator, office, Museum, etc.

<Customize Frame Design>



1. Industrial display

Panoramic & BAR LCD

Preliminary Version

Products List

MODEL	CDS-APB RANGE							
	CDS-K0621	CDS-JL1512	CDS-JL1714	CDS-JL1816	CDS-A1915	CDS-JL1916	CDS-A2219	CDS-JL2119
Inch	6.2"	15.0" x 1/3 type (12.3")	17.0" x 2/5 type (13.9")	18.5" x 1/3 type (16.3")	19.0" x 1/4 type (15.1")	19.0" x 2/5 type (15.5")	22.0" x 1/3 type (19")	21.5" x 1/3 type (19.1")
LCD Panel	KYOCERA TG062HVLDA	JL150AT256	JL170AT398	JL185AT238	AUO G151EVN01	JL190AT390	AUO G190SF01	JL215AT360
Panel Active Area H x V (mm)	147.84x55.44	304.1x76.0	337.92x105.15	409.8x71.4	376.32x72.9	376.4x114.6	473.76x96.44	476.6x89.4
Panel Outline Dimension H x V x D (mm)	173x70.0 x6.7	326.5x101.4 x13.1	358.5x130.0 x17.24	432.0x95.6	396.0x100.8 x17.3	396.0x137.6	493.7x124.8 x18.5	495.6x114.7 X10.7
Number of Pixel (Aspect Ratio)	640x240	1024x256	1280x398	1366x238	1280x248	1280x390	1680x342	1920x360
Back Light Unit	LED	LED	LED	LED	LED	LED	LED	LED
Brightness (cd/m ²)	300	400	400	400	300	400	300	400
Viewing Angle(R/L/U/D)	80/80/80/80	80/80/60/80	85/85/80/80	85/85/80/80	89/89/89/89	85/85/80/80	89/89/89/89	89/89/89/89
Touch Screen	Capacitive	-	-	-	-	-	Projected-Cap	-

MODEL	CDS APB RANGE							
	JL2724	JL3228	JL3229	JL4238				
Inch	27.0" x 1/2 type (24.4")	32.0" x 1/3 type (28.0")	32.0" x 1/2 type (28.5")	42.0" x 1/2 type (38.0")				
LCD Panel	JL270AT540	JL320AT360	JL320AT540	JL420AT540				
Panel Active Area H x V (mm)	597.6x168.1	698.4x130.9	698.4x196.4	930.2x261.6				
Panel Outline Dimension H x V x D (mm)	630.0x200.1 x11.5	728.8x167.11	728.8x246.8	968.4x302.4				
Number of Pixel (Aspect Ratio)	1920x540	1920x360	1920x540	1920x540				
Back Light Unit	LED	LED	LED	LED				
Brightness (cd/m ²)	400	400	400	400				
Viewing Angle(R/L/U/D)	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89				
Touch Screen	-	-	-	-				E&OE

Others available upon request

1. Industrial display

More CDS Panoramic & BAR LCD Offerings **Preliminary Version**

Part Number	Diagonal Size	Brightness	Resolution	Backlight	Outer Dimensions (mm)	Weight
MO-150-001-EW-1000	15"	1000 nits	1280 x 242	LED	408 x 106.2 x 37.8	1.25 KG
MO-159-001-EW-1000	15.9"	1000 nits	1280 x 512	LED	398.4 x 176.2 x 52.7	2.5 KG
MO-164-001-EW-500	16.4"	500 nits	1366 x 256	LED	432.9 x 103.5 x 40	1.41 KG
MO-164-002-EW-400/T	16.4"	400 nits	1366 x 254	LED	455.7 x 120.3 x 43.5	2 KG
MO-172-001-EW-500	17.2"	500 nits	1366 x 512	LED	432.9 X 179.9 X 40.5	1.8 KG
MO-190-001-EW-300	19"	300 nits	1680 x 342	LED	496.3 x 127.4 x 57.1	2.3 KG
MO-190-002-EW-1000	19"	1000 nits	1680 x 342	LED	496.6 x 126 x 57.3	2.3 KG
MO-190-003-EW-500	19"	500 nits	1920 x 388	LED	497.7 x 125.2 x 46.5	2.2 KG
MO-280-001-EW-1000	28"	1000 nits	1366 x 256	LED	740.2 x 167.2x 56	7.2 KG
MO-280-002-EW-500	28"	500 nits	1366 x 253	LED	736 x 166 x 47	5 KG
MO-293-001-EW-1000	29.3"	1000 nits	1366 x 512	LED	740.2 x 298 x 60.9	7 KG
MO-296-001-EW-700	29.6"	700 nits	1366 x 509	LED	736 x 317 x 47	6.9 KG
MO-380-001-EW-700	38"	700 nits	1920 x 502	LED	967.6 x 279.4 x 61.3	9 KG
MO-380-002-EW-1000	38"	1000 nits	1920 x 502	LED	967.6 x 279.4 x 61.3	9 KG
MO-380-003-EW-700	38"	700 nits	1920 x 502	LED	971.8 x 290.4 x 69.7	9.2 KG
MO-380-004-EW-1000	38"	1000 nits	1920 x 502	LED	971.8 x 290.4 x 69.7	9.2 KG
MO-380-005-EW-700	38"	700 nits	1920 x 540	LED	976 x 311 x 47	8 KG
MO-490-001-EW-500	49.5"	500 nits	1920 x 538	LED	1259 x 389.5 x 68.7	18.7 KG

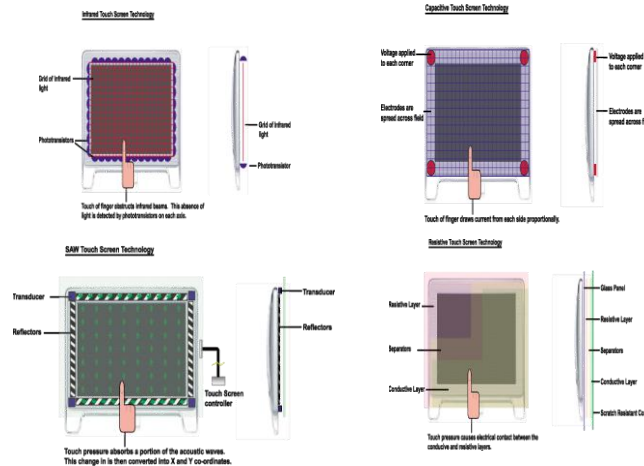
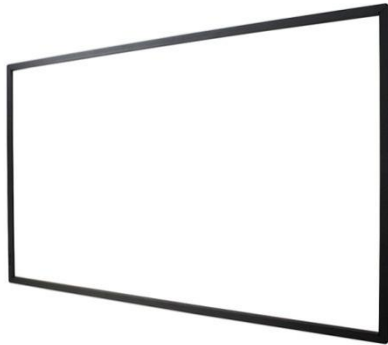
Others available upon request

1. Industrial display

CDS Touch Screen Solution

Preliminary Version

Products List



KEY FEATURES

- Resistive, Capacitive, Projected Capacitive, IR, SAW Touch Screen (5.7" ~ 82")
- Multi touch Solution
- Higher Reliability, Higher Speed
- Applications - Digital Signage, Kiosk Advertising display, Game, E-Board
- RoHS Compliance
- CE, UL, FCC are optional

Inch		5.7"	6.4"	6.5"	7.0"	8.4"	10.4"	12.1"	15"	17"	18.5" (16:9)	19"	19"W (16:10)
Resistive	4W	OK	OK	OK	OK	OK	OK	OK	OK	OK	X	OK	X
	5W	X	OK	OK	OK	OK	OK	OK	OK	OK	X	OK	OK
Capacitive		X	X	X	X	X	OK	OK	OK	OK	OK	OK	OK
Projected Capacitive		OK	OK	OK	OK	OK	OK	OK	OK	OK	X	OK	X
IR		X	X	X	X	X	OK	OK	OK	OK	OK	OK	X
SAW		X	X	X	X	X	OK	OK	OK	OK	X	OK	X

1. Industrial display

CDS Projected Capacitive Touch Monitor

Preliminary Version

Products List

< Touch Solution >



- *Projected Capacitive
- *Cover Glass
- *Multi Touch

What is, Why

- Structure of Film to Film with Cover Glass
- Large Size up to 24" Available
- About 5 Times Faster Response Time than ITO
- Less Noise
- Narrower Bezel Area
- Non-Calibration
- Real Multi-Touch (2 / 10 Points)

10.4" P-CAP Monitor



(With Cover Glass)

21.5" P-CAP Monitor



(Without Cover Glass)



(With Cover Glass)

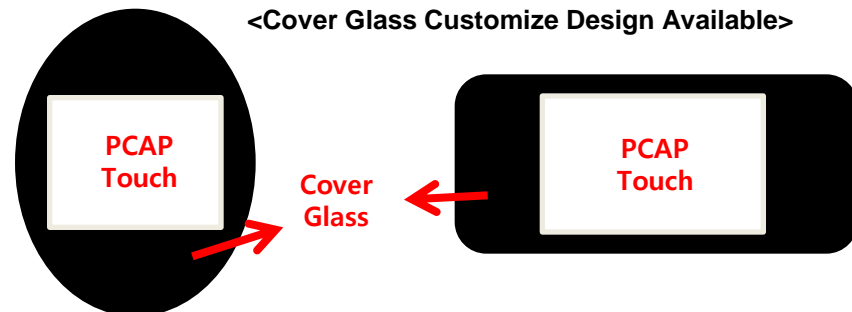
22" x 1/3 Cut P-CAP Monitor
(APB-A2219)



<Cover Glass PCAP & Basic PCAP>



<Cover Glass Customize Design Available>



2. Gaming - Display

CDS Economic Open Frame Monitor

Preliminary Version

Products List

<JACKPOT System>

Jackpot Display
:55", 65"



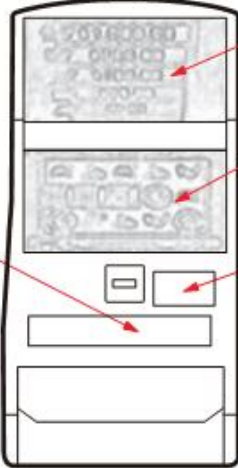
Touch Solution
: Projected Capacitive
Surface Capacitive
Infra Red
SAW

Top Box Display
:15.6" (Rotation)
17.3" (Rotation)
18.9" (Rotation)



Safety Glass Solution
: Glare
: Anti Glare

Button Deck Display
:17" 1/3 Cut
19" 1/4 Cut
22" 1/3 Cut
Customized Size
Available

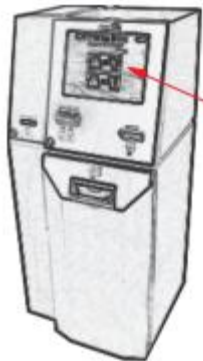


Top Display
:19", 21.5", 22", 23",
24", 27", 32"

Main Display
:19", 21.5", 22", 23",
24", 27", 32"

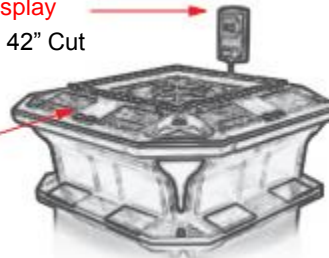
Player Tracking Display
:5.7", 6.2" Cut, 7"

Main Display
:12.1", 15", 17"



<Ticket In & Out Cash Machine>

Score Display
:32" Cut, 42" Cut



Main Display
:22", 23", 24"

<Roulette System>

KEY FEATURES

- Professional LCD Display 24/7 environments
- Special mode adapted for Gaming S/W
- Input source Auto Detect
- Sizes : 5.7" ~ 32"
- Signal Input : RGB, DVI, Display Port Input
- Customize Frame Design by request
- Various Touch overlays & Protection Glass
 - Resistive, Capacitive, P-CAP, IR, SAW
- RoHS Compliance, CE (50 Models) Certified
- 180 degrees Rotation Function (BM305, Up to WSXGA+)
- Top Box Monitor (15.6", 17.3", 18.5")
- **UL (21.5", 23") Certified**, FCC are optional

<Rotation Function>



2. Gaming - Display

Economic Open Frame Monitor

Preliminary Version

Products List

MODEL	CDS APD RANGE							
	CDS-A0571	CDS-A0650	CDS-A0700	CDS-A0840	CDS-T0841	CDS-C1041	CDS-C1042	CDS-A1041
Inch	5.7"	6.5"	7.0"	8.4"	8.4"	10.4"	10.4"	10.4"
LCD Panel	AUO G057VN01	AUO G065VN01	AUO G070VW01	AUO G084SN05	TIANMA TM084SDHG01	CPT CLAA104XA02CW	CMO G104X1-L03	AUO G104SN02
Panel Active Area H x V (mm)	115.2x86.4	132.48x99.36	152.40x91.44	170.4x127.8	170.4x127.8	211.2x158.4	210.4x157.8	211.2x158.4
Panel Outline Dimension H x V x D (mm)	144.0x104.6 x12.3	153.0x118.0 x10.9	170.0x111.0 X7.5	203.0x142.5 x8.0	203.0x142.5 X5.7	236.0x174.3 x7.4	238.6x175.8 X7.47	243.0x184.0 x8.0
Number of Pixel (Aspect Ratio)	640x480 (4:3)	640x480 (4:3)	800x480 (5:3)	800x600 (4:3)	800x600 (4:3)	1024x768 (4:3)	1024x768 (4:3)	800x600 (4:3)
Back Light Unit	LED	LED	LED	LED	LED	LED	LED	LED
Brightness (cd/m ²)	700	700	400	450	250	400	350	400
Viewing Angle(R/L/U/D)	80/80/70/70	80/80/70/70	80/80/60/80	80/80/80/60	70/70/60/70	70/70/60/60	88/88/88/88	80/80/60/80
Power Consumption	10W	10W	10W	10W	10W	10W	10W	10W

MODEL	CDS APD RANGE							
	CDS-A1042	CDS-T1041	CDS-A1160	CDS-L1211		CDS-A1211	CDS-T1211	CDS-T1500
Inch	10.4"	10.4"	11.6"		12.1"	12.1"	12.1"	15.0"
LCD Panel	AUO G104XVN01	TIANMA TM104SDH01	AUO A116XW02		LG LB121S03	AUO G121XN01	TIANMA TM121SDS01	TIANMA TM150TDS50
Panel Active Area H x V (mm)	210.4x157.8	211.2x158.4	256.12x144.0		246.0x184.5	245.76x184.32	246.0x184.5	304.13x228.10
Panel Outline Dimension H x V x D (mm)	238.6x175.8 x6.5	236.0x176.9 x5.6	282.2x168.0 X11.6		276.0x209.0 X9.0	279.0x209.0 x9.0	279.0x209.0 x9.0	326.5x253.5 x11.8
Number of Pixel (Aspect Ratio)	1024x768 (4:3)	800x600 (4:3)	1366x768 (16:9)		800x600 (4:3)	1024x768 (4:3)	800x600 (4:3)	1024x768 (4:3)
Back Light Unit	LED	LED	LED		LED	LED	LED	LED
Brightness (cd/m ²)	400	400	275		450	500	450	400
Viewing Angle(R/L/U/D)	89/89/89/89	70/70/60/70	60/60/35/55		70/70/55/65	80/80/60/80	80/80/65/75	80/80/80/80
Power Consumption	10W	10W	15W		15W	15W	15W	20W

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MODEL	CDS APD RANGE							
	CDS-T1501	CDS-L1501		CDS-L1502	CDS-A1500	CDS-A1501	CDS-A1560	CDS-A1561
Inch	15.0"		15.0"	15.0"	15.0"	15.0"	15.6"	15.6"
LCD Panel	TIANMA TMS150XG1		LG LB150X03	LG LB150X03	AUO G150XTN01	AUO G150XTN03	AUO G156XW01	AUO G156XW01
Panel Active Area H x V (mm)	304.13x228.10		304.13x228.10	304.13x228.10	304.13x228.10	304.13x228.10	344.23x193.53	344.23x193.53
Panel Outline Dimension H x V x D (mm)	326.5x253.5 x11.13		326.5x253.5 x11.2	326.5x253.5 x11.2	326.0x253.5 x13.1	326.0x253.5 X12.0	363.8x215.9 X14.3	363.8x215.9 X16.85
Number of Pixel (Aspect Ratio)	1024x768 (4:3)		1024x768 (4:3)	1024x768 (4:3)	1024x768 (4:3)	1024x768 (4:3)	1366x768 (16:9)	1366x768 (16:9)
Back Light Unit	CCFL		LED	LED	LED	LED	CCFL	LED
Brightness (cd/m ²)	250		400	250	350	250	300	300
Viewing Angle(R/L/U/D)	80/80/80/80		70/70/55/65	70/70/55/65	80/80/60/80	85/85/80/80	85/85/80/80	85/85/80/80
Power Consumption	20W		20W	15W	15W	15W	20W	15W

MODEL	CDS APD RANGE							
	CDS-L1701	CDS-A1700	CDS-A1701	CDS-A1702	CDS-A1703	CDS-A1731	CDS-A1850	CDS-A1851
Inch	17.0"	17.0"	17.0"	17.0"	17.0"	17.3"	18.5"	18.5"
LCD Panel	LG LM170E03	AUO G170EG01	AUO G170EG01	AUO M170ETN01	AUO G170ETN01	AUO G173HW01	AUO M185XTN01	AUO G185XW01
Panel Active Area H x V (mm)	337.92x270.34	337.92x270.34	337.92x270.34	337.92x270.34	337.92x270.34	381.89x214.81	409.8x230.4	409.8x230.4
Panel Outline Dimension H x V x D (mm)	358.5x296.5 x13.5	358.5x296.5 X15.8	358.5x296.5 x18.0	358.5x296.5 x15.8	358.5x296.5 x18.0	403x240 x12.5	430.4x254.6 x9.9	430.4x254.6 x16.4
Number of Pixel (Aspect Ratio)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1920x1080 (16:9)	1366x768 (16:9)	1366x768 (16:9)
Back Light Unit	CCFL	CCFL	LED	CCFL	LED	LED	LED	LED
Brightness (cd/m ²)	250	380	350	250	250	400	250	300
Viewing Angle(R/L/U/D)	85/85/75/85	85/85/80/80	85/85/80/80	85/85/80/80	85/85/80/80	80/80/60/80	85/85/80/80	85/85/80/80
Power Consumption	25W	35W	25W	25W	20W	25W	25W	25W

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MODEL	CDS APD RANGE							
	CDS-L1901	CDS-A1900	CDS-A1901	CDS-A1911	CDS-A1903	CDS-A1904	CDS-L1951	CDS-L2011
Inch	19.0"	19.0"	19.0"	19.0"	19.0"	19.0"	19.5"	20.1"
LCD Panel	LG LM190E09	AUO M190ETN01	AUO G190EG02	AUO M190EG01	AUO M190PTN01	AUO G190EG02	LG LM195WD1	LG LM201U05
Panel Active Area H x V (mm)	376.32x301.06	376.32x301.06	376.32x301.06	376.32x301.06	408.24x255.15	376.32x301.06	433.92x236.34	408.0x306.0
Panel Outline Dimension H x V x D (mm)	396.0x324.0 x9.9	396.0x324.0 X10.9	396.0x324.0 x18.4	396.0x324.0 X17.5	428.0x278.0 X10.3	396.0x324.0 X17.5	452.0x263.0 x10.5	432.0x331.5 x25.0
Number of Pixel (Aspect Ratio)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1280x1024 (5:4)	1440x900 (16:10)	1280x1024 (5:4)	1600x900 (16:9)	1600x1200 (4:3)
Back Light Unit	LED	LED	LED	CCFL	LED	LED	LED	CCFL
Brightness (cd/m ²)	250	250	300	300	250	600	250	300
Viewing Angle(R/L/U/D)	85/85/75/85	85/85/80/80	89/89/89/89	89/89/89/89	85/85/80/80	89/89/89/89	85/85/75/85	89/89/89/89
Power Consumption	25W	25W	35W	40W	30W	60W	25W	50W

MODEL	CDS APD RANGE							
	CDS-A2151	CDS-A2152	CDS-L2152		CDS-A2202	CDS-A2203	CDS-L2302	CDS-S2302
Inch	21.5"	21.5"	21.5"		22.0"	22.0"	23.0"	23.0"
LCD Panel	AUO T215HVN01	AUO G215HVN01	LG LM215WF3		AUO G220SW01	AUO G220SVN01	LG LM230WF3	SAMSUNG LTM230HL04
Panel Active Area H x V (mm)	476.64x268.11	476.64x268.11	475.2x267.3		473.76x296.1	473.76x296.1	509.18x286.42	509.76x286.74
Panel Outline Dimension H x V x D (mm)	495.6x292.2 X10.6	495.6x292.2 x17.35	495.6x292.2 x10.2		493.7x320.1 x18.7	493.7x320.1 X15.75	533.2x312.0 x10.5	534.0x311.7 x10.5
Number of Pixel (Aspect Ratio)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)		1680x1050 (16:10)	1680x1050 (16:10)	1920x1080 (16:9)	1920x1080 (16:9)
Back Light Unit	LED	LED	LED		CCFL	LED	LED	LED
Brightness (cd/m ²)	250	300	250		300	250	250	250
Viewing Angle(R/L/U/D)	89/89/89/89	89/89/89/89	89/89/89/89		89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Power Consumption	30W	30W	30W		50W	30W	35W	30W

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**NEW
2013 1Q**

MODEL	CDS APD RANGE							
	CDS-A2401	CDS-A2402	CDS-L2382	CDS-L2402	CDS-A2702	CDS-A2703	CDS-L2702	CDS-A3204
Inch	24.0"	24.0"	23.8"	24.0"	27.0"	27.0" (SNB)	27.0"	32.0"
LCD Panel	AUO M240HW02	AUO G240HW01	LG LM238WF1	LG LM240WU8	AUO M270HVN02	AUO M270HVN02	LG LM270WF5	AUO P320HVN01
Panel Active Area H x V (mm)	531.36x298.89	531.36x298.89	527.04x296.46	518.4x324.0	597.6x336.15	597.6x336.15	597.88x336.31	698.4x392.85
Panel Outline Dimension H x V x D (mm)	556.0x323.2 X11.5	556.0x323.2 x17.0	543.0x317.4 x11.2	546.4x352.0 x14.5	630.0x368.2 X11.5	613.6x356.85 X11.5	630.0x368.2 X11.7	727.4x429.0 x26.0
Number of Pixel (Aspect Ratio)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1200 (16:10)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
Back Light Unit	LED	LED	LED	LED	LED	LED	LED	LED
Brightness (cd/m ²)	250	300	250	300	300	300	250	350
Viewing Angle(R/L/U/D)	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89	89/89/89/89
Power Consumption	40W	45W	30W	45W	40W	40W	40W	55W

MODEL	CDS APD RANGE							
	CDS-L3204							
Inch	32.0"							
LCD Panel	LG LD320EUN							
Panel Active Area H x V (mm)	698.4x392.9							
Panel Outline Dimension H x V x D (mm)	727.4x429.0 x22.7							
Number of Pixel (Aspect Ratio)	1920x1080 (16:9)							
Back Light Unit	LED							
Brightness (cd/m ²)	400							
Viewing Angle(R/L/U/D)	89/89/89/89							
Power Consumption	55W							E&OE

Others available upon request

3. Super Slim Display

CDS super slim Smart Monitor

Preliminary Version

Products List



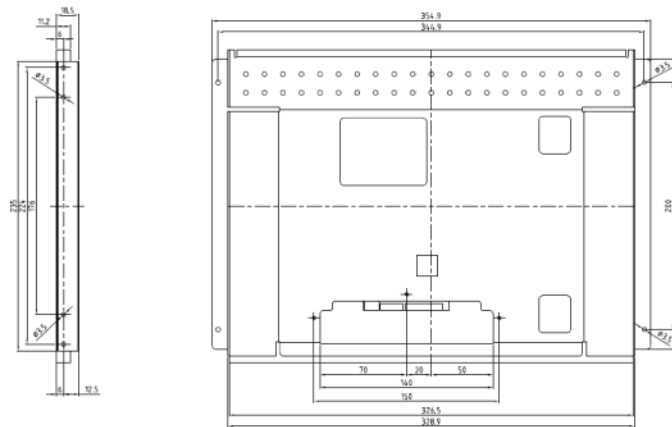
KEY FEATURES

- Professional LCD Display 24/7 environments
- Slimmer Thickness Design
- Flexible Input Connector Fixing
- Sizes : 12.1" ~ 24"
- Various Touch overlays & Protection Glass
 - Resistive, Capacitive, P-CAP
- Signal Input
 - RGB, DVI
- RoHS Compliance
- CE, UL, FCC are optional

<Slim A/D board>



<Slim Frame>





“Please note all products listed in this document are subject change so please check availability and price once you know the product you are interested in so we get you the best solution”

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