



# PHILIPS

# Public Signage

## Catalogo Generale

Distributore per L'Italia e Progetti Speciali

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# E-line Series

## Impress and captivate your audience

Deliver your marketing messages in startling clarity with the Philips E-line series.

Ideal for projects which need eye-catching design at an affordable price.



## Key features

- Optimised for public viewing
- Designed for 24/7 operation
- Low total cost of ownership
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

## Technical specifications E-Line series

	BDL3215E	BDL4225E	BDL4230E	BDL4230EC	BDL4635E	BDL5545E	BDL6531E
							
<b>General</b>							
Model	32" Public Display	42" Public Display	42" Public Display	42" HaLO Public Display	46" Public Display	55" Public Display	65" Public Display
<b>Picture/Display</b>							
Diagonal Screen Size	32" (81.28cm)	42" (106.68cm)	42" (106.68cm)	42" (106.68cm)	46" (116.8cm)	55" (139.7cm)	65" (163.8cm)
Backlight Type	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
Optimum Resolution	1366 x 768p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p
Brightness	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Typical Contrast Ratio	3500:1	1400:1	1400:1	1400:1	3500:1	5000:1	2500:1
Response Time (Grey to Grey)	8 ms	5 ms	5 ms	5 ms	8 ms	8 ms	8 ms
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.511 x 0.511 mm	0.485 x 0.485 mm	0.485 x 0.485 mm	0.485 x 0.485 mm	0.53 x 0.53 mm	0.63 x 0.63 mm	0.63 x 0.63 mm
Display Colors	16.7 million	1.07 billion	1.06 billion	1.06 billion	16.7 million	1.07 billion	1.07 billion
<b>Features</b>							
Video Matrix	Up to 5x5	Up to 5x5	Up to 5x5	N/A	Up to 5x5	Up to 5x5	Up to 5x5
Placement	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Landscape
PBP/PIP/POP	Yes	Yes	PIP	PIP	Yes	Yes	PIP
Scheduling Functions	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ambient Light Sensor	No	No	Yes	Yes	No	Yes	Yes
Open Pluggable Specification	-	-	-	-	-	Yes	-
Smart Insert	-	-	Yes	Yes	-	Yes	Yes
One Wire	-	-	-	-	-	-	-
<b>Energy efficiency</b>							
Energy Saving Functions	SmartPower	SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	SmartPower	SmartPower	Ambient Light Sensor, SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	67W	132W	120W	120W	162W	162W	358W
Consumption (SmartPower Med)	54W	106W	93W	93W	132W	132W	241W
Consumption (SmartPower High)	44W	86W	76W	76W	108W	108W	192W
Consumption (Standby)	<1W	<1W	<1W	<1W	<1W	<1W	<1W
Power Saving/Brightness On	38W	75W	65W	65W	92W	92W	135W
<b>Physical Specifications</b>							
Set Dimensions (W x H x D)	792 x 487 x 115 mm	1022 x 615 x 129 mm	993 x 586 x 120 mm	1152mm x 745mm x 130mm	1122 x 663 x 138 mm	1299 x 769.8 x 129.9 mm	1523 x 892 x 125 mm
Dimensions with Stand	792 x 531 x 205 mm	1022 x 663 x 250 mm	993 x 666 x 319 mm	N/A	1122 x 705 x 406 mm	1122 x 705 x 406 mm	1523x 1022 x 423 mm
Display Weight	11.95 kg	19.8 kg	24 kg	31.3kgs	29.1 kg	42 kg	53.8 kg
Bezel Width	45 mm	45 mm	29 mm	N/A	50 mm	50 mm	31 mm
Smart Insert	No	No	Yes	Yes	No	No	Yes
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200mm
	200 x 200 mm	200 x 200 mm	200 x 200 mm	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 400 mm
Smart Insert Mount	N/A	N/A	100 x 100 mm	100 x 100 mm	N/A	N/A	300 x 320mm
Table Stand	Including	Including	BM05411	N/A	BM05211	BM05211	
<b>Connectivity</b>							
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x	2x	1x	1x
DVI-D In	-	1x	1x	1x	1x	-	1x
DVI-D Out	-	-	-	-	-	-	-
Display Port	-	-	-	-	-	1x	-
OPS	-	-	-	-	-	1x	-
LAN	-	-	-	-	-	-	-
USB	-	-	-	-	-	-	-
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
One Wire (HDMI CEC)	-	-	-	-	-	-	-
External AC	-	-	1x	1x	-	-	1x
Composite (RCA) In	1x	1x	-	-	-	-	-
Composite (BNC) In/Out	1x/1x	1x/1x	1x/1x	1x/1x	-	1x	-
Composite CVBS In/Out	-	-	-	-	2x/1x	-	-
S-Video In	1x	1x	1x	1x	1x	1x	-
Component (YPbPr) In	-	-	-	-	1x	1x	-
Component (BNC) In	1x	1x	-	-	-	-	1x
Component (RCA) In	-	-	1x	1x	-	-	-
<b>Sound</b>							
Audio In/Out	2x/1x	2x/1x	2x/1x	2x/1x	1x/1x	1x/1x	1x/1x
Internal Speakers	2 x 7W	2 x 7W	2 x 12W	2 x 12W	2 x 7W (Optional)	2 x 7W	2 x 12W
<b>Convenience</b>							
Service & Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant

# V-Line Series

## Deliver stunning images

Broadcast your marketing messages in style with the slim bezel V-line series.  
So sleek, it will make your audience stop and stare.

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## Key features

- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look
- Smart insert in the back cover to place a small PC
- High brightness for clearer images
- Enhanced zoom feature supports tiled matrix applications



## Technical specifications V-Line series

	BDL4251V	BDL4651VH	BDL5571V	BDL6551V
				
<b>General</b>				
Model	42" Slim Bezel Display	46" Sunlight Readable Display	55" Slim Bezel Display	65" Slim Bezel Display
<b>Picture/Display</b>				
Diagonal Screen Size	42" (106.68 cm)	46" (116.8 cm)	55" (139.7 cm)	65" (165.1 cm)
Backlight Type	CCFL	CCFL	CCFL	CCFL
Optimum Resolution	1920x1080p	1920x1080p	1920x1080p	1920x1080p
Brightness	700 cd/m <sup>2</sup>	1500 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Typical Contrast Ratio	1100:1	4000:1	1300:1	2500:1
Response Time (Grey to Grey)	9 ms	8.5 ms	10 ms	8 ms
Aspect Ratio	16:9	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.485 x 0.485 mm	0.53 x 0.53 mm	0.63 x 0.63 mm	0.74 x 0.74 mm
Display Colors	1.07 billion	16.7 million	16.7 million	1.07 billion
<b>Features</b>				
Video Matrix	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5
Placement	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape
PBP/PIP/POP	Yes	PIP	Yes	PIP
Scheduling Functions	Yes	Yes	Yes	Yes
Ambient Light Sensor	Yes	Yes	Yes	Yes
Open Pluggable Specification	-	-	-	-
Smart Insert	Yes	Yes	Yes	Yes
One Wire	-	-	Yes	-
<b>Energy efficiency</b>				
Energy Saving Functions	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	133W	248W	175W	314W
Consumption (SmartPower Med)	109W	165W	135W	246W
Consumption (SmartPower High)	89W	134W	110W	205W
Consumption (Standby)	<1W	<1W	<1W	<1W
Power Saving/Brightness On	74W	81W	115W	187W
<b>Physical Specifications</b>				
Set Dimensions (W x H x D)	968 x 559 x 123 mm	1060 x 617 x 124 mm	1252 x 723 x 122 mm	1500 x 876 x 123 mm
Dimensions with Stand	968 x 606 x 405 mm		1252 x 768 x 406 mm	1500 x 1022 x 423 mm
Display Weight	22 kg	33 kg	26.4kg	56 kg
Bezel Width	17 mm	20 mm	19.5 mm	31 mm
Smart Insert	Yes	Yes	Yes	Yes
VESA Mount	400 x 200 mm 200 x 200 mm	400 x 200 mm	400 x 400 mm	400 x 400 mm
Smart Insert Mount	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
Table Stand	BM05211		BM05211	BM05511
<b>Connectivity</b>				
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x
DVI-D In	1x	1x	1x	1x
DVI-D Out	-	-	Optional	-
Display Port	-	-	1x	-
OPS	-	-	-	-
LAN	-	-	1x	-
USB	-	-	1x	-
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x
One Wire (HDMI CEC)	-	-	Yes	-
External AC	1x	1x	1x	1x
Composite (RCA) In	1x	-	1x	1x
Composite (BNC) In/Out	1x/1x	1x/1x	-	1x/1x
Composite CVBS In/Out	-	-	-	-
S-Video In	1x	1x	1x	1x
Component (YPbPr) In	1x	-	1x	1x
Component (BNC) In	-	-	-	-
Component (RCA) In	-	1x	-	-
<b>Sound</b>				
Audio In/Out	2x/1x	1x/1x	2x/1x	2x/1x
Internal Speakers	2 x 5W	2 x 12W	2 x 10W	2 x 12W
<b>Convenience</b>				
Service & Warranty	3 years	3 years	3 years	3 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant

# LED-series

Enthral your audience with the thin bezel, full HD LED displays



Deliver startlingly clear images in a more eco-friendly way with the edge LED displays. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.



## Key features

- Edge LED Backlight
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions
- Temperature sensor measures the health condition
- Advanced anti-image sticking function

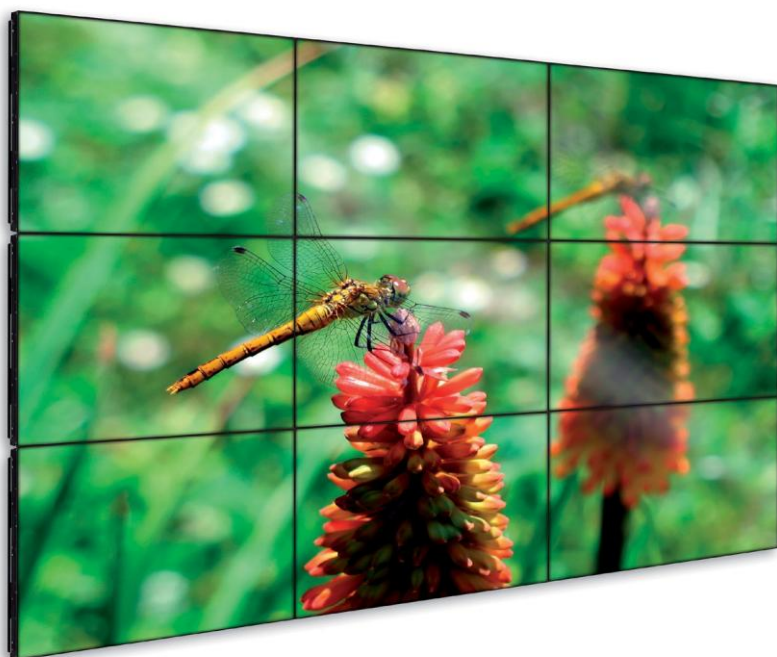
## Technical specifications LED series

	BDL5530EL	BDL4785SL
		
<b>General</b>		
Model	55" E-LED Thin Bezel Display	47" E-LED Super Slim Bezel Display
<b>Picture/Display</b>		
Diagonal Screen Size	55" (139.7cm)	47" (116.8 cm)
Backlight Type	Edge LED	Edge LED
Optimum Resolution	1920x1080p	1920x1080p
Brightness	400 cd/ m <sup>2</sup>	450 cd/ m <sup>2</sup>
Typical Contrast Ratio	4000:1	1300:1
Response Time (Grey to Grey)	6.5 ms	12 ms
Aspect Ratio	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°
Pixel Pitch	0.21 x 0.63 mm	0.54 x 0.54 mm
Display Colors	1.07 billion	1.06 billion
<b>Features</b>		
Video Matrix	Up to 5x5	Up to 5x5
Placement	Portrait/Landscape	Portrait/Landscape
PBP/PIP/POP	Yes	Yes
Scheduling Functions	Yes	Yes
Ambient Light Sensor	Yes	Yes
Open Pluggable Specification	-	-
Smart Insert	Yes	N/A
One Wire	-	Yes
<b>Energy efficiency</b>		
Energy Saving Functions	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	123W	
Consumption (SmartPower Med)	96W	
Consumption (SmartPower High)	77W	
Consumption (Standby)	<1W	<1W
Power Saving/Brightness On	46W	
<b>Physical Specifications</b>		
Set Dimensions (W x H x D)	1260 x 732 x 59 mm	1085 x 632 x 38 mm
Display Weight	27.2 kg	18.8 kg
Bezel Width	25 mm	20 mm
Smart Insert	Yes	Yes
VESA Mount	200 x 400 mm	400 x 200 mm
Smart Insert Mount	100 x 100 mm	100 x 100 mm
Table Stand	BM05211	N/A
<b>Connectivity</b>		
VGA In/Out	1x/1x	1x/1x
HDMI In	1x	1x
DVI-D In	1x	1x
DVI-D Out	-	1x
Display Port	-	1x
OPS	-	-
LAN	-	1x
USB	-	1x
RS232 In/Out	1x/1x	1x/1x
One Wire (HDMI CEC)	-	Yes
External AC	1x	-
Composite (RCA) In	-	-
Composite (RCA) In/Out	1x/1x	-
Composite CVBS In/Out	-	-
S-Video In	1x	-
Component (YPbPr) In	-	-
Component (BNC) In	-	1x
Component (RCA) In	1x	-
<b>Sound</b>		
Audio In/Out	1x/1x	1x/1x
Internal Speakers	2 x 12W	2 x 12W
<b>Convenience</b>		
Service & Warranty	3 years	3 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant

# Videowall-series

Create Videowalls to make your audience stop and stare

Deliver your message with a stylish seamless videowall. Whether it's used in a 2x2, 3x3 or in a 4x3 setup, your audience will be astonished! Stunning has never been this easy.



## Key features

- Zoom function for tiled matrix
- Advanced in factory colour calibration
- SmartPower for energy saving
- Edge Finishing & Alignment Installation
- Remote Control Extender

## Technical specifications Videowall series

	BDL4675XU	BDL4681XU	BDL5585XL
			
<b>General</b>			
Model	46" Ultra Slim Bezel Display	46" Ultra Slim Bezel Display	55" Direct-LED Ultra Slim Bezel Display
<b>Picture/Display</b>			
Diagonal Screen Size	46" (116.8 cm)	46" (116.8 cm)	55" (139.7 cm)
Backlight Type	CCFL	CCFL	Direct LED
Optimum Resolution	1366x768p	1366x768p	1920x1080p
Brightness	450 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Typical Contrast Ratio	3000:1	3000:1	3000:1
Response Time (Grey to Grey)	8 ms	8 ms	8 ms
Aspect Ratio	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.746 x 0.746 mm	0.746 x 0.746 mm	0.63 x 0.63 mm
Display Colors	16.7 million	16.7 million	1.07 billion
<b>Features</b>			
Video Matrix	Up to 15x10	Up to 15x10	Up to 15x10
Placement	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape
PBP/PIP/POP	PIP	PIP	Yes
Scheduling Functions	Yes	Yes	Yes
Ambient Light Sensor	Yes	Yes	Yes
Open Pluggable Specification	-	-	-
Smart Insert	Yes	Yes	Yes
One Wire	-	-	Yes
<b>Energy efficiency</b>			
Energy Saving Functions	SmartPower	SmartPower	SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	165W	212W	
Consumption (SmartPower Med)	133W	172W	
Consumption (SmartPower High)	109W	142W	
Consumption (Standby)	<1W	<1W	<1W
Power Saving/Brightness On	88W	115W	
<b>Physical Specifications</b>			
Set Dimensions (W x H x D)	1026 x 579 x 133 mm	1026 x 579 x 133 mm	1251 x 686 x 126 mm
Dimensions with Stand	N/A	N/A	N/A
Display Weight	27.5 kg	29 kg	34 kg
Bezel Width	7.3 mm A to A	7.3 mm A to A	5.7 mm A to A
Smart Insert	Yes	Yes	Yes
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 200 mm
Smart Insert Mount	100 x 100 mm	100 x 100 mm	100 x 100 mm
Table Stand	N/A	N/A	N/A
<b>Connectivity</b>			
VGA In/Out	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x
DVI-D In	1x	1x	1x
DVI-D Out	-	-	1x
Display Port	-	-	1x
OPS	-	-	-
LAN	-	-	1x
USB	-	-	1x
RS232 In/Out	1x/1x	1x/1x	1x/1x
One Wire (HDMI CEC)	-	-	Yes
External AC	1x	1x	1x
Composite (RCA) In	1x	1x	-
Composite (BNC) In/Out	1x/1x	1x/1x	-
Composite CVBS In/Out	-	-	-
S-Video In	1x	1x	-
Component (YPbPr) In	-	-	-
Component (BNC) In	1x	1x	1x
Component (RCA) In	-	-	-
<b>Sound</b>			
Audio In/Out	2x/1x	2x/1x	1x/1x
Internal Speakers	2 x 12W	2 x 12W	2 x 10W
<b>Convenience</b>			
Service & Warranty	3 years	3 years	3 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant

# 3D Display series

## 3D Stopping Power



Add an extra dimension to your professional application with Philips 3D no-glasses monitors. Based on unique technology, its stunning 3D effect immediately grabs the attention and gives a more entertaining experience to the viewer. This 'magical' appeal attracts the consumer's attention making it ideal for use in digital signage, point-of-sale advertising, games and 3D visualization.



## Key features

- Autostereoscopic lenticular technology
- No need for special 3D glasses
- Multiple users experience 3D at the same time
- Full brightness, full contrast, true color representation
- 3D data interface

## Technical specifications 3D Display series

	BDL4251VS	BDL5571VS
		
<b>General</b>		
Model	42" 3D Autostereoscopic Display	55" 3D Autostereoscopic Display
<b>Picture/Display</b>		
Diagonal Screen Size	42" (106.68 cm)	55" (139.7 cm)
Backlight Type	CCFL	CCFL
Optimum Resolution	1920x1080p	1920x1080p
Brightness	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Typical Contrast Ratio	1100:1	1300:1
Response Time (Grey to Grey)	9 ms	10 ms
Aspect Ratio	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°
Pixel Pitch	0.485 x 0.485 mm	0.63 x 0.63 mm
Display Colors	1.06 billion	1.06 billion
<b>Features</b>		
Video Matrix	N/A	N/A
Placement	Landscape	Landscape
PBPP/PIP/POP	Yes	Yes
Scheduling Functions	Yes	Yes
Ambient Light Sensor	Yes	Yes
Open Pluggable Specification	-	-
Smart Insert	Yes	Yes
One Wire	-	-
<b>Energy efficiency</b>		
Energy Saving Functions	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	165W	214W
Consumption (SmartPower Med)		
Consumption (SmartPower High)		
Consumption (Standby)	<1W	<1W
Power Saving/Brightness On		
<b>Physical Specifications</b>		
Set Dimensions (W x H x D)	968 x 559 x 132 mm	1252 x 723 x 133 mm
Dimensions with Stand	968 x 606 x 405 mm	1252 x 773 x 405 mm
Display Weight	35 kg	75 kg
Bezel Width	17 mm	19.5 mm
Smart Insert	Yes	Yes
VESA Mount	400 x 200 mm 200 x 200 mm	400 x 400 mm
Smart Insert Mount	100 x 100 mm	100 x 100 mm
Table Stand	BM05211	BM05211
<b>Connectivity</b>		
VGA In/Out	1x/1x	1x/1x
HDMI In	1x	1x
DVI-D In	1x	1x
DVI-D Out	-	Optional
Display Port	-	1x
OPS	-	-
LAN	-	1x
USB	-	1x
RS232 In/Out	1x/1x	1x/1x
One Wire (HDMI CEC)	-	-
External AC	1x	1x
Composite (RCA) In	1x	1x
Composite (BNC) In/Out	1x/1x	-
Composite CVBS In/Out	-	-
S-Video In	1x	1x
Component (YPbPr) In	1x	1x
Component (BNC) In	-	-
Component (RCA) In	-	-
<b>Sound</b>		
Audio In/Out	2x/1x	2x/1x
Internal Speakers	2 x 5W	2 x 10W
<b>Convenience</b>		
Service & Warranty	1 year	1 year
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant

# Multi-touch Series

Open up a new era of interaction

Take audience participation to a whole new level with latest multi-user touch technologies. With your own touch applications, the sky's the limit!












## Key features










- Optical or Infra-Red Multi-touch technology
- Choice between 2, 4, 6 or 32 simultaneous touchpoints
- Smart insert in the back cover to place a small PC
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

## Technical specifications Multi-touch Series

	Multi-touch Display			Multi-user-touch Display
				
	BDL4230ET	BDL5545ET	BDL6545AT	BDT3215EM
<b>General</b>				
Model	42" Multi Touch Screen	55" Multi Touch Display	65" Multi Touch Display	32" Multi User Touch Display
<b>Picture/Display</b>				
Diagonal Screen Size	42" (106.68cm)	55" (139.7cm)	65" (165.1 cm)	32" (81.28cm)
Backlight Type	CCFL	CCFL	CCFL	CCFL
Touchscreen Type	Optical Imaging	Optical Imaging	Optical Imaging	Infrared
Touch points	2	2	2	6 or 32
Optimum Resolution	1920x1080p	1920x1080p	1920x1080p	1366 x 768p
Brightness	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
Typical Contrast Ratio	1400:1	5000:1	5000:1	3500:1
Response Time (Grey to Grey)	5 ms	8 ms	8 ms	8 ms
Aspect Ratio	16:9	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.485 x 0.485 mm	0.63 x 0.63 mm	0.744 x 0.744 mm	0.511 x 0.511 mm
Display Colors	1.06 billion	1.07 billion	1.07 billion	16.7 million
<b>Features</b>				
Placement	Portrait/Landscape	Portrait/Landscape	Landscape	Portrait/Landscape
Ambient Light Sensor	Yes	Yes	Yes	No
Open Pluggable Specification	-	Yes	Yes	-
Smart Insert	Yes	-	Yes	No
One Wire	-	-	-	-
<b>Energy efficiency</b>				
Energy Saving Functions	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	182W	-	-	67W
Consumption (SmartPower Med)	116W	-	-	54W
Consumption (SmartPower High)	96W	-	-	44W
Consumption (Standby)	<1W	<1W	<1W	<1W
Power Saving/Brightness On	76W	-	-	38W
<b>Physical Specifications</b>				
Set Dimensions (W x H x D)	993 x 586 x 128 mm	1299 x 769.8 x 143.7 mm	1523.6 x 889.2 x 138.8 mm	850 x 543 x 122 mm
Dimensions with Stand	993 x 666 x 319 mm	-	-	-
Display Weight	30 kg	54 kg	72 kg	31 kg
Bezel Width	30 mm	41.4 mm	45 l/r, 42 t, 39 b mm	-
Smart Insert	Yes	Yes	Yes	No
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200 mm
Smart Insert Mount	100 x 100 mm	100 x 100 mm	100 x 100 mm	N/A
Table Stand	BM05211	BM05211	BM06511	incl. horizontal table stand
<b>Connectivity</b>				
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x
DVI-D In	1x	1x	1x	-
DVI-D Out	-	-	-	-
Display Port	-	1x	-	-
OPS	-	1x	1x	-
LAN	-	-	-	-
USB	-	-	-	-
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x
External AC	1x	1x	1x	-
Composite (RCA) In	-	-	-	1x
Composite (BNC) In/Out	1x/1x	-	1x	1x/1x
Composite CVBS In/Out	-	-	-	-
S-Video In	1x	-	1x	1x
Component (YPbPr) In	-	-	-	-
Component (BNC) In	-	1x	-	1x
Component (RCA) In	1x	-	1x	-
<b>Sound</b>				
Audio In/Out	2x/1x	2x/1x	2x/1x	2x/1x
Internal Speakers	2 x 12W	2 x 7W	2 x 12W	2 x 7W
<b>Convenience</b>				
Service & Warranty	3 years	3 years	3 years	3 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant	Lead Free, RoHS compliant
Software compatible	Win 7	Win 7	Win 7	Win 7, Omnitapps

# Technical specifications Multi-touch Series

									
	BDT4225EM	BDT4251VM	BDT5530EM	BDT5571VM	BDT6531EM	BDT6551VM	BDT4225VT	BDT5530ET	BDT3215EK
<b>General</b>									
Model	42" Multi User Touch Display	42" Multi User Touch Display	55" Multi User Touch Display	55" Multi User Touch Display	65" Multi User Touch Display	65" Multi User Touch Display	42" Multi User Touch Table	55" Multi User Touch Table	32" Information Kiosk
<b>Picture/Display</b>									
Diagonal Screen Size	42" (106.68cm)	42" (106.68 cm)	55" (139.7cm)	55" (139.7 cm)	65" (163.8cm)	65" (165.1 cm)	42" (106.68cm)	55" (139.7cm)	32" (81.28cm)
Backlight Type	CCFL	CCFL	Edge LED	CCFL	CCFL	CCFL	CCFL	Edge LED	CCFL
Touchscreen Type	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Touch points	6 or 32	6 or 32	6 or 32	6	6	6	6 or 32	6 or 32	6 or 32
Optimum Resolution	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1366 x 768p
Brightness	500 cd/ m <sup>2</sup>	700 cd/ m <sup>2</sup>	400 cd/ m <sup>2</sup>	700 cd/ m <sup>2</sup>	500 cd/ m <sup>2</sup>	700 cd/ m <sup>2</sup>	500 cd/ m <sup>2</sup>	400 cd/ m <sup>2</sup>	450 cd/ m <sup>2</sup>
Typical Contrast Ratio	1400:1	1100:1	4000:1	1400:1	2500:1	1400:1	1400:1	4000:1	3500:1
Response Time (Grey to Grey)	5 ms	9 ms	6.5 ms	10 ms	8 ms	8 ms	5 ms	6.5 ms	8 ms
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.485 x 0.485 mm	0.485 x 0.485 mm	0.21 x 0.63 mm	0.63 x 0.63 mm	0.21 x 0.63 mm	0.74 x 0.74 mm	0.485 x 0.485 mm	0.485 x 0.485 mm	0.511 x 0.511 mm
Display Colors	1.07 billion	1.07 billion	1.07 billion	16.7 million	1.07 billion	1.07 billion	1.07 billion	1.07 billion	16.7 million
<b>Features</b>									
Placement	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Landscape	Portrait/Landscape	Table	Table	Landscape 45°
Ambient Light Sensor	No	Yes	Yes	Yes	No	Yes	No	Yes	No
Open Pluggable Specification	-	-	-	-	-	-	-	-	-
Smart Insert	No	Yes	No	Yes	Yes	Yes	No	No	No
OneWire	-	-	-	Yes	-	-	-	-	-
<b>Energy efficiency</b>									
Energy Saving Functions	SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	SmartPower	Ambient Light Sensor, SmartPower	SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	132W	133W	123W	175W	358W	314W	132W	123W	67W
Consumption (SmartPower Med)	106W	109W	96W	135W	241W	246W	106W	96W	54W
Consumption (SmartPower High)	86W	89W	77W	110W	192W	205W	86W	77W	44W
Consumption (Standby)	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W
Power Saving/Brightness On	75W	74W	46W	115W	135W	187W	75W	46W	38W
<b>Physical Specifications</b>									
Set Dimensions (W x H x D)	1022 x 615 x 129 mm	1008 x 598 x 130 mm	1350 x 815 x 54 mm	1252 x 723 x 122 mm	1523 x 892 x 125 mm	1500 x 876 x 123 mm	1022 x 615 x 845 mm	850 x 543 x 845 mm	900 x 550 x 1345 mm
Dimensions with Stand	-	-	-	-	-	-	-	-	-
Display Weight	45 kg	45 kg	37 kg	49 kg	53.8 kg	56 kg	79 kg	65 kg	68 kg
Bezel Width	-	-	-	-	-	-	-	-	-
Smart Insert	No	Yes	No	Yes	Yes	Yes	No	No	No
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 400	400 x 400 mm	400 x 200mm	400 x 400 mm	N/A	N/A	N/A
Smart Insert Mount	N/A	N/A	N/A	100 x 100 mm	300 x 320mm	100 x 100 mm	N/A	N/A	N/A
Table Stand	incl. horizontal table stand	-	incl. horizontal table stand	BM05211	-	-	-	-	-
<b>Connectivity</b>									
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x	1x	1x	1x	1x	1x
DVI-D In	1x	1x	1x	1x	1x	1x	1x	1x	-
DVI-D Out	-	-	-	Optional	-	-	-	-	-
Display Port	-	-	-	1x	-	-	-	-	-
OPS	-	-	-	-	-	-	-	-	-
LAN	-	-	-	1x	-	-	-	-	-
USB	-	-	-	1x	-	-	-	-	-
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
External AC	-	1x	1x	1x	1x	1x	-	1x	-
Composite (RCA) In	1x	1x	-	1x	-	1x	-	-	1x
Composite (BNC) In/Out	1x/1x	1x/1x	-	-	-	1x/1x	1x/1x	-	1x/1x
Composite CVBS In/Out	-	-	-	-	-	-	-	-	-
S-Video In	1x	1x	1x	1x	-	1x	1x	1x	1x
Component (YPbPr) In	-	1x	-	1x	-	1x	-	-	-
Component (BNC) In	1x	-	-	-	1x	-	1x	-	1x
Component (RCA) In	-	-	1x	-	-	-	-	1x	-
<b>Sound</b>									
Audio In/Out	2x/1x	2x/1x	1x/1x	2x/1x	1x/1x	2x/1x	2x/1x	1x/1x	2x/1x
Internal Speakers	2 x 7W	2 x 7W	2 x 12W	2 x 10W	2 x 12W	2 x 12W	2 x 7W	2 x 12W	2 x 7W
<b>Convenience</b>									
Service & Warranty	3 years	3 years	3 years	3 years	3 years	3 years	2 years	2 years	2 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant	Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant	Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Lead Free, RoHS compliant	Lead Free, RoHS compliant
Software compatible	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps

									
	BDT4225VK	BDT5530EK	BDT3215TI	BDT4251TI	BDT5571TI	BDT3215TX	BDT4251TX	BDT5571TX	BDT4651TO
<b>General</b>			Totem						
<b>Model</b>	42" Information Kiosk	55" Information Kiosk	32" Multi User Touch Totem	42" Multi User Touch Totem	55" Multi User Touch Totem	32" CAP Multi User Touch Totem	42" CAP Multi User Touch Totem	55" CAP Multi User Touch Totem	46" Outdoor CAP Multi User Touch Totem
<b>Picture/Display</b>									
Diagonal Screen Size	42" (106.68 cm)	55" (139.7cm)	32" (81.28cm)	42" (106.68 cm)	55" (139.7 cm)	32" (81.28cm)	42" (106.68 cm)	55" (139.7 cm)	46" (116.8 cm)
Backlight Type	CCFL	Edge LED	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
Touchscreen Type	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Touch points	6 or 32	6 or 32	6	6	6	4	4	4	4
Optimum Resolution	1920x1080p	1920x1080p	1366 x 768p	1920x1080p	1920x1080p	1366 x 768p	1920x1080p	1920x1080p	1920x1080p
Brightness	700 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	3500:1	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	1500 cd/m <sup>2</sup>
Typical Contrast Ratio	1100:1	4000:1	3500:1	1100:1	1300:1	3500:1	1100:1	1300:1	4000:1
Response Time (Grey to Grey)	9 ms	6.5 ms	8 ms	9 ms	10 ms	8 ms	9 ms	10 ms	8.5 ms
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Viewing Angle (H x V)	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°	178° x 178°
Pixel Pitch	0.485 x 0.485 mm	0.21 x 0.63 mm	0.511 x 0.511 mm	0.485 x 0.485 mm	0.63 x 0.63 mm	0.511 x 0.511 mm	0.485 x 0.485 mm	0.63 x 0.63 mm	0.53 x 0.53 mm
Display Colors	1.07 billion	1.07 billion	16.7 million	1.07 billion	16.7 million	16.7 million	1.07 billion	16.7 million	16.7 million
<b>Features</b>									
Placement	Landscape 45°	Landscape 45°	Portrait	Portrait	Portrait	Portrait	Portrait	Portrait	Portrait
Ambient Light Sensor	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Open Pluggable Specification	-	-	-	-	-	-	-	-	-
Smart Insert	No	No	No	No	No	No	No	No	No
One Wire	-	-	-	-	Yes	-	-	Yes	-
<b>Energy efficiency</b>									
Energy Saving Functions	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower
Mains Power	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	133W	123W	67W	133W	175W	67W	133W	175W	248W
Consumption (SmartPower Med)	109W	96W	54W	109W	135W	54W	109W	135W	165W
Consumption (SmartPower High)	89W	77W	44W	89W	110W	44W	89W	110W	134W
Consumption (Standby)	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W
Power Saving/Brightness On	74W	46W	38W	74W	115W	38W	74W	115W	81W
<b>Physical Specifications</b>									
Set Dimensions (W x H x D)	1008 x 550 x 1371	1260 x 630 x 1388 mm							2251 x 996 x 299 mm
Dimensions with Stand	-	-	-	-	-	-	-	-	-
Display Weight	71 kg	92 kg							300 kg
Bezel Width									
Smart Insert	No	No	No	No	No	No	No	No	No
VESA Mount	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smart Insert Mount	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Table Stand									
<b>Connectivity</b>									
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x	1x	1x	1x	1x	1x
DVI-D In	1x	1x	-	1x	1x	-	1x	1x	1x
DVI-D Out	-	-	-	-	Optional	-	-	Optional	-
Display Port	-	-	-	-	1x	-	-	1x	-
OPS	-	-	-	-	-	-	-	-	-
LAN	-	-	-	-	1x	-	-	1x	-
USB	-	-	-	-	1x	-	-	1x	-
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
External AC	1x	1x	-	1x	1x	-	1x	1x	1x
Composite (RCA) In	1x	-	1x	1x	1x	1x	1x	1x	-
Composite (BNC) In/Out	1x/1x	-	1x/1x	1x/1x	-	1x/1x	1x/1x	-	-
Composite CVBS In/Out	-	-	-	-	-	-	-	-	-
S-Video In	1x	1x	1x	1x	1x	1x	1x	1x	-
Component (YPbPr) In	1x	-	-	1x	1x	-	1x	1x	-
Component (BNC) In	-	-	1x	-	-	1x	-	-	-
Component (RCA) In	-	1x	-	-	-	-	-	-	1x
<b>Sound</b>									
Audio In/Out	2x/1x	1x/1x	2x/1x	2x/1x	2x/1x	2x/1x	2x/1x	2x/1x	1x/1x
Internal Speakers	2 x 5W	2 x 12W	2 x 7W	2 x 5W	2 x 10W	2 x 7W	2 x 5W	2 x 10W	2 x 12W
<b>Convenience</b>									
Service & Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Screen Saving Functions	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright	Pixel Shift, Low Bright
Green approvals	Lead Free, RoHS compliant	Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant	Energy Star 5.0, Lead Free, RoHS compliant
Software compatible	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps	Win 7, Omnitapps