



Public Signage Product Range

Q1 2012

PHILIPS
sense and simplicity

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

	BDL3245E	BDL4245E	BDL4230E	BDL4230EC	BDL4645E	BDL5545E	BDL6531E
							
General							
Model	32" Public Display	42" Public Display	42" Public Display	42" HaIO Public Display	46" Public Display	55" Public Display	65" Public Display
Picture/Display							
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	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p
Brightness	500 cd/ m ²	450 cd/ m ²	500 cd/ m ²	500 cd/ m ²	400 cd/ m ²	500 cd/ m ²	500 cd/ m ²
Typical Contrast Ratio	1450:1	1400:1	1400:1	1400:1	4000:1	5000:1	2500:1
Response Time (Grey to Grey)	5 ms	6.5 ms	5 ms	5 ms	6.5 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	0.364 x 0.364 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	1.06 billion	16.7 million	1.06 billion	1.06 billion	1.07 billion	1.07 billion	1.07 billion
Features							
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	-	Yes	Yes	Yes	Yes	Yes	Yes
Open Pluggable Specification	-	-	-	-	-	Yes	-
Smart Insert	-	-	Yes	Yes	-	Yes	Yes
One Wire	-	-	-	-	-	-	-
Energy efficiency							
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)	94W	112W	120W	120W	117W	162W	358W
Consumption (SmartPower Med)	73W	91W	93W	93W	96W	132W	241W
Consumption (SmartPower High)	57W	70W	76W	76W	72W	108W	192W
Consumption (Standby)	<0.5W	<0.5W	<1W	<1W	<0.5W	<1W	<1W
Power Saving/Brightness On	50W	61W	65W	65W	63W	135W	135W
Physical Specifications							
Set Dimensions (W x H x D)	774 x 468 x 116 mm	992 x 584 x 116 mm	993 x 586 x 120 mm	1152mm x 745mm x 130mm	1091 x 646 x 120 mm	1299 x 769.8 x 129.9 mm	1523 x 892 x 125 mm
Dimensions with Stand	-	-	993 x 666 x 319 mm	N/A	-	1122 x 705 x 406 mm	1523x 1022 x 423 mm
Display Weight	12.8 kg	23 kg	24 kg	31.3kgs	26 kg	42 kg	53.8 kg
Bezel Width	36 mm	29 mm	29 mm	N/A	35 mm	50 mm	31 mm
Smart Insert	400 x 200 mm	400 x 200 mm	Yes	Yes	400 x 200 mm	No	Yes
VESA Mount	200 x 200 mm	200 x 200 mm	400 x 200 mm	400 x 200 mm	200 x 200 mm	400 x 200 mm	400 x 200mm
	N/A	N/A	200 x 200 mm	200 x 200 mm	N/A	200 x 200 mm	400 x 400 mm
Smart Insert Mount	Included	Included	100 x 100 mm	100 x 100 mm	N/A	N/A	300 x 320mm
Table Stand	Including	Including	BM0541 I	N/A	N/A	BM0521 I	
Connectivity							
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
HDMI In	1x	1x	1x	1x	1x	1x	1x
DVI-D In	1x	1x	1x	1x	-	-	1x
DVI-D Out	-	-	-	-	-	-	-
Display Port	-	-	-	-	-	1x	-
OPS	-	1x	-	-	1x	1x	-
LAN	1x	1x	-	-	1x	-	-
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	-	-	-	-	-	-
Composite (BNC) In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x	-
Composite CVBS In/Out	-	-	-	-	-	-	-
S-Video In	1x	1x	1x	1x	1x	1x	-
Component (YPbPr) In	-	-	-	-	-	1x	-
Component (BNC) In	1x	1x	-	-	1x	-	1x
Component (RCA) In	-	-	1x	1x	-	-	-
Sound							
Audio In/Out	2x/1x	2x/1x	2x/1x	2x/1x	1x/1x	1x/1x	1x/1x
Internal Speakers	2x 10W	2x 10W	2 x 12W	2 x 12W	2 x 10W	2 x 7W	2 x 12W
Convenience							
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	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.

Key features

- Full HD LCD display, 1920 × 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 
General				
Model	42" Slim Bezel Display	46" Sunlight Readable Display	55" Slim Bezel Display	65" Slim Bezel Display
Picture/Display				
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 ²	1500 cd/ m ²	700 cd/ m ²	700 cd/ m ²
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
Features				
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	-	-	-	-
Open Pluggable Specification	Yes	Yes	Yes	Yes
Smart Insert	-	-	Yes	-
One Wire	-	-	Yes	-
Energy efficiency				
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	213W	214W	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	173W
Physical Specifications				
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
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 400 mm	400 x 400 mm
	200 x 200 mm			
Smart Insert Mount	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
Table Stand	BM05211	BM05211	BM05211	BM0511
Connectivity				
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
Composite CVBS In/Out	-	-	-	-
S-Video In	1x	-	1x	1x
Component (YPbPr) In	1x	-	1x	1x
Component (BNC) In	-	-	-	-
Component (RCA) In	-	1x	-	-
Sound				
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
Convenience				
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
		
General		
Model	55" Thin Bezel Display	47" Ultra-thin Bezel Display
Picture/Display		
Diagonal Screen Size	55" (139.7cm)	47" (116.8 cm)
Backlight Type	Edge LED	Edge LED
Optimum Resolution	1920x1080p	1920x1080p
Brightness	400 cd/ m ²	450 cd/ m ²
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
Features		
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	-	-
Open Pluggable Specification	Yes	N/A
Smart Insert	-	Yes
One Wire	-	Yes
Energy efficiency		
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	104W
Consumption (SmartPower Med)	96W	81W
Consumption (SmartPower High)	77W	51W
Consumption (Standby)	<1W	<1W
Power Saving/Brightness On	46W	56W
Physical Specifications		
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
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
Connectivity		
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	1x
Composite (RCA) In	-	-
Composite (BNC) In/Out	-	-
Composite CVBS In/Out	-	-
S-Video In	1x	-
Component (YPbPr) In	-	-
Component (BNC) In	-	1x
Component (RCA) In	1x	-
Sound		
Audio In/Out	1x/1x	1x/1x
Internal Speakers	2 x 12W	Optional
Convenience		
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
			
General			
Model	46" Ultra Slim Bezel Display	46" Ultra Slim Bezel Display	55" Direct-LED Ultra Slim Bezel Display
Picture/Display			
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 ²	700 cd/ m ²	700 cd/ m ²
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
Features			
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	-	-	-
Open Pluggable Specification	Yes	Yes	Yes
Smart Insert	-	-	Yes
One Wire	-	-	Yes
Energy efficiency			
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	150W
Consumption (SmartPower Med)	133W	172W	110W
Consumption (SmartPower High)	109W	142W	90W
Consumption (Standby)	<1W	<1W	<1W
Power Saving/Brightness On	88W	115W	84W
Physical Specifications			
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
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
Connectivity			
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
OneWire (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	-	-	-
Sound			
Audio In/Out	2x/1x	2x/1x	1x/1x
Internal Speakers	2 x 12W	2 x 12W	2 x 10W
Convenience			
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..



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

	BDL2331VS	BDL4251VS	BDL5571VS
			
General			
Model	23" 3D Autostereoscopic Display	42" 3D Autostereoscopic Display	55" 3D Autostereoscopic Display
Picture/Display			
Diagonal Screen Size	23" (58.4 cm)	42" (106.68 cm)	55" (139.7 cm)
Backlight Type	LED	CCFL	CCFL
Optimum Resolution	1920x1080p	1920x1080p	1920x1080p
Brightness	300 cd/m ²	700 cd/m ²	700 cd/m ²
Typical Contrast Ratio	1000:1	1100:1	1300:1
Response Time (Grey to Grey)	5 ms	9 ms	10 ms
Aspect Ratio	16:9	16:9	16:9
Viewing Angle (H x V)	150° x 150°	150° x 150°	150° x 150°
Pixel Pitch	0.265 x 0.265 mm	0.485 x 0.485 mm	0.63 x 0.63 mm
Display Colors	16.7 million	1.06 billion	1.06 billion
Features			
Video Matrix	n/a	n/a	n/a
Placement	Landscape	Landscape	Landscape
PBP/PIP/POP	-	Yes	Yes
Scheduling Functions	-	Yes	Yes
Ambient Light Sensor	-	-	-
Open Pluggable Specification	-	Yes	Yes
Smart Insert	-	-	-
One Wire	-	-	-
Energy efficiency			
Energy Saving Functions	SmartPower	Ambient Light Sensor, SmartPower	Ambient Light Sensor, SmartPower
Mains Power	100-240VAC 50/60 Hz	90-264VAC 50/60 Hz	90-264VAC 50/60 Hz
Consumption (On Mode)	28.62W	165W	214W
Consumption (SmartPower Med)			
Consumption (SmartPower High)			
Consumption (Standby)	0.1W	<1W	<1W
Power Saving/Brightness On			
Physical Specifications			
Set Dimensions (W x H x D)	566 x 360 x 50 mm	968 x 559 x 132 mm	1252 x 723 x 133 mm
Dimensions with Stand	566 x 499 x 249 mm	968 x 606 x 405 mm	1252 x 773 x 405 mm
Display Weight	5.7 kg	35 kg	75 kg
Bezel Width		17 mm	19.5 mm
VESA Mount		400 x 200 mm	400 x 400 mm
Smart Insert Mount		200 x 200 mm	100 x 100 mm
Table Stand	Included	BM05211	BM05211
Connectivity			
VGA In/Out	1x	1x/1x	1x/1x
HDMI In	-	1x	1x
DVI-D In	1x	1x	1x
DVI-D Out	-	-	Optional
Display Port	-	-	1x
OPS	-	-	-
LAN	-	-	1x
USB	1x	-	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	-	-	-
Sound			
Audio In/Out	1x	2x/1x	2x/1x
Internal Speakers	2 x 1.5W	2 x 5W	2 x 10W
Convenience			
Service & Warranty	1 year	1 year	1 year
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

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

	BDL4230ET	BDL5545ET	BDL6545AT	BDT3215EM
General				
Model	42" Multi Touch Screen	55" Multi Touch Display	65" Multi Touch Display	32" Multi User Touch Display
Picture/Display				
Diagonal Screen Size	42" (106.68cm)	55" (139.7cm)	65" (165.1 cm)	32" (81.28cm)
Touchscreen Type	Optical Imaging	Optical Imaging	Optical Imaging	Infrared
Touch points	2	2	2	6
Backlight Type	CCFL	CCFL	CCFL	CCFL
Optimum Resolution	1920x1080p	1920x1080p	1920x1080p	1360 x 768p
Brightness	500 cd/ m ²	500 cd/ m ²	500 cd/ m ²	450 cd/ m ²
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
Features				
Video Matrix	n/a	n/a	n/a	n/a
Placement	Portrait/Landscape	Portrait/Landscape	Landscape	Portrait/Landscape/Horizontal
PBP/PIP/POP	Yes	Yes	Yes	-
Scheduling Functions	Yes	Yes	Yes	Yes
Open Pluggable Specification	-	Yes	Yes	-
Smart Insert	Yes	Yes	Yes	n/a
One Wire	-	-	-	-
Energy efficiency				
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)				
Consumption (SmartPower Med)	116W			54W
Consumption (SmartPower High)	96W			44W
Consumption (Standby)	<1W	<1W	<1W	<1W
Power Saving/Brightness On	76W			38W
Physical Specifications				
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	810 x 544 x 122 mm
Dimensions with Stand	993 x 666 x 319 mm	-	-	-
Display Weight				
Bezel Width	30 mm	41.4 mm	45 l/r, 42 t, 39 b mm	65.26 mm horizontal, 61.26 mm vertical
VESA Mount	400 x 200 mm	400 x 200 mm 200 x 200 mm	400 x 200 mm 200 x 200 mm	400 x 200 mm 200 x 100 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
Connectivity				
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	-	-	-	1 to connect touch to PC
RS232 In/Out	1x/1x	1x/1x	1x/1x	1x/1x
One Wire (HDMI CEC)	-	-	-	-
AC Out				
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	-
Sound				
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
Convenience				
Service & Warranty	3 years	3 years	3 years	2 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, Omnitapps, MAC Lion OS	Win 7, Omnitapps, MAC Lion OS	Win 7, Omnitapps, MAC Lion OS	Win 7, Omnitapps, MAC Lion OS

