



Public Signage

Product Range - Q1 2011

PHILIPS
sense and simplicity

Public Signage Solutions

Philips public signage offers display solutions in screen sizes up to 65 inch. Whether used in a network environment or as a single public display, our stylish screens are characterized by low total cost of ownership and designed for optimal image reproduction in a broad range of public areas.

With years of experience and a name that is synonymous with excellence in manufacturing, Philips is a name that is known and trusted the world over. Our reputation for bringing you quality products that can be relied on is second to none, with a level of service you demand, our expert Quality Control team being your assurance of a level of quality that is unsurpassed.

We never stand still - and are constantly introducing new technologies to the field of LCD Displays. From the Smart Insert, which can integrate a small form factor PC in to your display without increasing the overall depth of the unit, to Display Port Technology to the simple control and configuration of your display via an HDMI cable in our "One Wire" system, we are turning innovative ideas in to reality. Next to the displays in our current range, we are introducing new LCD - **BDL5545E**, **BDL6540AT** and LED displays - **BDL5530EL**, **BDL5585XL**, **BDL4685SL** - in Q2 2011.

E-line range



BDL3215E

- 32" Public LCD Display
- Resolution: 1366 x 768
- Brightness: 450cd/m²
- Contrast: 3500:1
- Response time: 8ms
- Smart Power; Advanced Color Control



BDL4225E

- 42" Public LCD Display
- Resolution: 1920 x 1080
- Brightness: 500cd/m²
- Contrast: 1400:1
- Response time: 5ms
- Smart Power; Advanced Color Control



BDL4230E

- 42" Public LCD Display
- Resolution: 1920 x 1080
- Brightness: 500cd/m²
- Contrast: 1400:1
- Response time: 5ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor



BDL4635E

- 46" Public LCD Display
- Resolution: 1920 x 1080
- Brightness: 450cd/m²
- Contrast: 3500:1
- Response time: 8ms
- Smart Power; Advanced Color Control



BDL6531E

- 65" Public LCD Display
- Resolution: 1920 x 1080
- Brightness: 500cd/m²
- Contrast: 2500:1
- Response time: 8ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor

V-line range



BDL4251V

- 42" Slim Bezel LCD Display
- Resolution: 1920 x 1080
- Brightness: 700cd/m²
- Contrast: 1100:1
- Response time: 9ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control



BDL4651VH

- 46" High Brightness Slim Bezel LCD Display
- Resolution: 1920 x 1080
- Brightness: 1500cd/m²
- Contrast: 4000:1
- Response time: 8.5ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control



BDL5571V

- 55" Slim Bezel LCD Display
- Resolution: 1920 x 1080
- Brightness: 700cd/m²
- Contrast: 1300:1
- Response time: 10ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control



BDL6551V

- 65" Slim Bezel LCD Display
- Resolution: 1920 x 1080
- Brightness: 700cd/m²
- Contrast: 2500:1
- Response time: 8ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control

XU-line range



BDL4675XU

- 46" Ultra Slim Bezel LCD Display
- Resolution: 1366 x 768
- Brightness: 450cd/m²
- Contrast: 3000:1
- Response time: 8ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control



BDL4681XU

- 46" Ultra Slim Bezel LCD Display
- Resolution: 1366 x 768
- Brightness: 700cd/m²
- Contrast: 3000:1
- Response time: 8ms
- Smart Power; Advanced Color Control; Smart Insert; Ambient Light Sensor; Heat control



BDL5231V3D

- 52" 3D Slim Bezel LCD Display
- Resolution: 1920 x 1080
- Brightness: 700cd/m²
- Contrast: 4000:1
- Response time: 8ms
- Smart Power; Advanced Color Control; Smart Insert; Heat control

	BDL3215E	BDL4225E	BDL4230E	BDL4635E	BDL6531E	BDL4251V	BDL4651VH	BDL5571V	BDL6551V	BDL4675XU	BDL4681XU	BDL5231V3D
Picture/Display												
Diagonal Screen Size	32" (81.28cm)	42" (106.68cm)	42" (106.68cm)	46" (116.8cm)	65" (116.8cm)	42" (106.68cm)	46" (116.8cm)	55" (139.7cm)	65" (165.1cm)	46" (116.8cm)	46" (116.8cm)	55" (139.7cm)
Backlight Type	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL	CCFL
Optimum Resolution	1366 x 768p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1920x1080p	1366x768p	1366x768p	1920x1080p
Brightness	450 cd/ m ²	500 cd/ m ²	500 cd/ m ²	450 cd/ m ²	500 cd/ m ²	700 cd/ m ²	1500cd/m ²	700 cd/ m ²	700 cd/ m ²	450 cd/ m ²	700 cd/ m ²	700 cd/ m ²
Typical Contrast Ratio	3500:1	1400:1	1400:1	3500:1	2500:1	1100:1	4000:1	1300:1	2500:1	3000:1	3000:1	1300:1
Response Time (Grey to Grey)	8 ms	5 ms	5 ms	8 ms	8 ms	9 ms	8.5ms	10 ms	8 ms	8 ms	8 ms	10 ms
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°	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	0.53 x 0.53 mm	0.63 x 0.63 mm	0.485 x 0.485 mm	0.53 x 0.53 mm	0.63 x 0.63 mm	0.74 x 0.74 mm	0.746 x 0.746 mm	0.746 x 0.746 mm	0.63 x 0.63 mm
Display Colors	16.7 million	1.07 billion	1.06 billion	16.7 million	16.7 million	1.07 billion	16.7 million	16.7 million	1.07 billion	16.7 million	16.7 million	16.7 million
Features												
PBP/PIP/POP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Matrix	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5	Up to 5x5
Portrait/Landscape Mode	Yes	Yes	Yes	Yes	Landscape Only	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ambient Light Sensor	No	No	Yes	No	No	Yes	Yes	-	Yes	-	-	-
Dimensions												
Set Dimensions (W x H x D)	792 x 487 x 115 mm	1022 x 615 x 129mm	993 x 586 x 120mm	1122 x 663 x 138mm	1500 x 876 x 123mm	968 x 559 x 123mm	1060 x 616 x 138mm	1209 x 706 x 123mm	1500 x 876 x 123mm	1026 x 581 x 133mm	1026 x 581 x 133mm	1209 x 706 x 123mm
Dimensions with Stand	31.2 x 19.2 x 4.5"	40.2 x 24.2 x 5.1"	39.1 x 23.1 x 4.7"	44.2 x 26.1 x 5.4"	59.1 x 34.5 x 4.9"	38.1 x 22 x 4.8"	41.8 x 24.3 x 5.5"	47.6 x 27.8 x 4.9"	59.1 x 34.5 x 4.9"	40.4 x 22.9 x 5.2"	40.4 x 22.9 x 5.2"	47.6 x 27.8 x 4.9"
Display Weight	11.95 kg	19.8 kg	24 kg	29.1 kg	50.0 kg	22 kg	36.5 kg	50 kg	27.5 kg	29 kg	29 kg	36.5 kg
Bezel Width	45mm	45mm	29mm	50mm	31mm	17mm	20mm	26mm	31mm	4.6mm top/left	4.6mm top/left	1.04"
Smart Insert	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VESA Mount	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 200 mm	400 x 400 mm	400 x 200 mm	400 x 200mm	400 x 400 mm	400 x 400 mm	400 x 200 mm	400 x 200 mm	400 x 400 mm
Smart Insert Mount	n/a	n/a	100 x 100 mm	n/a	300 x 320mm	100 x 100 mm	100x100mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
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	90-264V AC/50-60Hz	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	162W	358W	133W	-	175W	314W	180W	212W	175W
Consumption (Smart Power Med)	54W	106W	93W	132W	241W	109W	-	135W	246W	-	172W	135W
Consumption (Smart Power High)	44W	86W	76W	108W	192W	89W	-	110W	205W	-	142W	110W
Consumption (Standby)	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W	<1W
Power Saving/Brightness On	38W	75W	65W	92W	135W	74W	-	115W	187W	-	115W	115W
Connectivity												
HDMI In	1x	1x	1x	2x	1x	1x	1x	1x	1x	1x	1x	1x
DVI-D In	-	1x	-	-	1x	1x	1x	1x	1x	1x	1x	1x
DVI-D Out	-	-	-	-	-	-	-	Optional	-	-	-	Optional
DisplayPort	-	-	-	-	-	-	-	1x	-	-	-	1x
LAN	-	-	-	-	-	-	-	1x	-	-	-	1x
USB	-	-	-	-	-	-	-	1x	-	-	-	1x
VGA In/Out	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
Composite (RCA) In	1x	1x	1x	-	1x	1x	-	1x	1x	1x	1x	1x
Composite (BNC) In/Out	1x/1x	1x/1x	1x/1x	-	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x	1x/1x
Composite CVBS In/Out	-	-	-	2x/1x	-	-	-	-	-	-	-	-
S-Video In	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x
Component (YPbPr) In	-	-	-	1x	1x	1x	-	1x	1x	-	-	1x
Component (BNC) In	1x	1x	1x	-	-	-	1x	-	-	1x	-	-
Audio In/Out	2x/1x	2x/1x	2x/1x	1x/1x	1x/1x	2x/1x	2x/1x	2x/1x	2x/1x	2x/1x	2x/1x	2x/1x
Internal Speakers	2 x 7W	2 x 7W	2 x 12W	2 x 7W (Optional)	2 x 12W	2 x 5W	2 x 12W	2 x 10W	2 x 12W	-	2 x 12W	2 x 10W
RS232 In/Out	1x/1x	1x/1x	1x/1x	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	1x	1x



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