# High Brightness Display



## Store Window Displays

■ Digital media is only effective if viewers are able to see it. Zoom Digital Signage high bright professional LCDs are a perfect solution for indoor environments that receive a high amount of ambient light such as storefront windows. To prevent blackening defect, ZDS offers High-Tni liquid crystal panels which can withstand temperatures up to 110°C (230°F). A fanless thermal management system provides silent, trouble-free operation.

**Suggested Uses**
- Retail stores
- Theater
- Banks
- Travel agencies
- Real Estate Offices
- Post Offices

## specifications

| | ZI46EH | ZI46 | ZI55 | ZI75 |
|---|---|---|---|---|
| Size | 46" | 46" | 55" | 75" |
| Number of Pixels | 1920x1080 | 1920x1080 | 1920 x 1080 | 1920 x 1080 |
| Brightness (typ) | 5,000nit | 2,500nit | 2,500nit | 2,500nit |
| Pixel Arrangement | RGB Vertical stripe | RGB Vertical stripe | RGB Vertical stripe | RGB Vertical stripe |
| Aspect Ratio | 16:9 | 16:9 | 16:9 | 16:9 |
| Viewing Angle | 178° | 178° | 178° | 178° |
| Lifetime | N/A | 45,000+ hours | 45,000+ hours | 45,000+ hours |
| Backlight | Direct LED | Direct LED | Direct LED | Direct LED |
| Display Area | 1018.08mm(H) x 572.67mm(V) | 1018.08mm(H) x 572.67mm(V) | 1209.6mm(H) x 680.4mm(V) | 1650.24mm(H) x 928.26mm(V) |
| Display colors | 16.7M (8bit) | 16.7M (8bit) | 16.7M (8bit) | 16.7M (8bit) |
| Surface treatment | Haze 0% | Haze 0% | Haze 0% | Haze 0% |
| Driver Element | a-Si TFT active matrix | a-Si TFT active matrix | a-Si TFT active matrix | a-Si TFT active matrix |
| Inputs — HDMI | 1 | 1 | 1 | 1 |
| Inputs — DVI | 1 | 1 | 1 | 1 |
| Inputs — RGB | 1 | 1 | 1 | 1 |
| Inputs — AUDIO | 1 | 1 | 1 | 1 |
| Inputs — RS-232 | Optional | Optional | Optional | Optional |
| Display Mode | Normally Black | Normally Black | Normally Black | Normally Black |

## The ZDS Display Difference

**High Quality Display**
46", 55" or 75" with 2,500 nit

**Number of Pixels**
1920 x 1080(WUXGA), 1080p

**Panel Technology**
LED BACKLIT LCD

**Available narrow bezel for video wall applications**

**Low Voltage Differential Signaling interface (2 Pixel / Clock)**

**High Tni((110°C) Liquid Crystal**

**Sunlight Viewable**

**Amazing feature resulting in a high contrast picture**

**Wide Viewing Angle (H/W)**
178° / 178°

**Longer Life Time**
45,000 hrs (2x standard life)