

## PRESS RELEASE

2008-11/11

### Exclusive cooperation with VIA Optronics: optically bonded LCDs and LCD systems

Berliner Glas KGaA Herbert-Kubatz GmbH & Co. and VIA Optronics GmbH agreed to an exclusive cooperation in the field of optically bonded LCDs and LCD systems.

The combination of glass and LCD is of outmost importance for mobile LCD systems, the digital signage market, especially for outdoor screens exposed to sunlight. With this cooperation, both companies expand their portfolios and capabilities to offer their customers reflection-free systems that are mechanically robust and sunlight readable by having very low power consumption.

Bonded Glass Technology optimizes the contrast in high ambient light conditions and - at the same time – it protects LCD panels from the harsh environmental impacts.

An optically matched cover glass is bonded directly to the LCD using specifically formulated silicone.

The advantages are obvious:

- low reflectance at high ambient light condition
- enhanced contrast
- improved transmittance
- optimized picture quality under side view condition
- better shock protection
- no internal condensation and no dust at rear side of the cover glass
- reduced „pooling“ (fluid displacement)

Applications will be found wherever longer lifecycles and robust design will be required, such as high contrast in high ambient light, improved outdoor view without increased power or protection from moisture or dust contamination.

#### **About Berliner Glas:**

The Technical Glass division of Berliner Glas offers the complete production chain of glass refinement with the focus of display panels. With its extensive in-house production depth is the company worldwide partner for complex technical glasses with optical effective surfaces – from the development of a solution to series production of assemblies. The BERLINER GLAS GROUP has about 950 employees in Germany, Switzerland, the United States and China. The turnover last year amounted to EUR 118 million.



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