

GLOSSARY OF TECHNICAL TERMS

In this Document, unless the context otherwise requires, explanations and definitions of certain terms used in this Document in connection with us and our business shall have the meanings set out below. The terms and their meanings may not correspond to standard industry meaning or usage of these terms.

“AV”	audio and video
“AVC”	advanced video coding, a widely used video compression standard that provides excellent video quality at low bit rates, which is designed to efficiently encode and decode digital video content, making it suitable for a variety of applications, including streaming media, video conferencing, and digital television
“COB”	chip on board, a technology wherein the microchip or die is directly mounted on and electrically interconnected to its final circuit board
“controller”	a specialized integrated circuit that connects to a host CPU and controls the LCD panel
“HDR”	high dynamic range, a set of techniques and technologies used to enhance the visual quality of images and videos by providing a greater range of luminance and color accuracy compared to standard dynamic range (SDR) content
“IFPD”	interactive flat panel display, a large, touch-sensitive screen that combines the functionality of a traditional whiteboard, a computer, and a projector into one sleek device, which allows users to interact directly with the display using their fingers or a stylus, making it an ideal tool for presentations, collaborative work, and interactive learning
“intelligent devices and solutions”	commercial display products and systems, office and industrial computing solutions, and AV equipment and systems that integrate sensing, compute, connectivity, and control, incorporate microcontroller/DSP/SoC cores, and embed AI algorithms and smart connectivity to enable data-driven, adaptive, and optimized functionality
“intelligent control component”	control units or modules designed for specific purposes within electronic products, equipment, devices and systems, which incorporate microcontroller chips or digital signal processor chips as core elements and are enhanced by artificial intelligence algorithms and smart connectivity technologies to enable data-driven, adaptive, and optimized control performance that goes beyond basic control
“K12”	the educational system that includes kindergarten through 12th grade

GLOSSARY OF TECHNICAL TERMS

“LCD”	liquid crystal display, a type of flat-panel display technology that uses liquid crystals to control the passage of light
“LED”	Light-emitting diode, a semiconductor device that emits light when an electric current passes through it, which is highly efficient and energy-saving, making them a popular choice for a wide range of lighting applications
“LLM”	large language model, a type of artificial intelligence model that is trained on vast amounts of text data to generate human-like text based on the input it receives
“MiniLED”	miniature light-emitting diode, which is significantly smaller than traditional LEDs, allowing for more precise control over the backlight
“ODM”	original design manufacturer, a company that designs and manufactures products for other companies which then market and sell these products under their own brand names
“paper-like”	a type of electronic display technology that mimics the appearance and reading experience of traditional paper, which have several characteristics that make them like reading on actual paper, including reflective technology, high contrast, low power consumption, viewing angle and non-glare surface
“radio frequency”	the range of electromagnetic frequencies that are used for wireless communication and broadcasting, typically above the audio range and below the infrared range, spanning from about 3 kHz to 300 GHz
“SVC”	scalable video coding, an extension of the AVC video compression standard that enables the encoding of video streams in a scalable manner, allowing for efficient transmission and adaptation of video content to varying network conditions and device capabilities
“TÜV Rheinland”	one of the world’s leading providers of testing and inspection services
“UHD”	ultra-high definition, a resolution standard for digital displays and content that offers significantly higher resolution than traditional high-definition (HD) formats