

PANASYS PSLCD Series

After two years of research and development, in 2018, we released the PSLCD product series, which is a major breakthrough in our product series. The release of PSLCD series means that we can provide customers with more complete LCD solutions.



PSLCD series is designed around the PIXXI-28 and PIXXI-44, configurable graphics controller from 4D Systems. The PIXXI-28 and PIXXI-44 feature a configurable core and hardware layer, which allows it to support LCD modules with various SPI display drivers and touch interfaces. Supported display interfaces include 3-wire serial SPI, 4-wire serial SPI, MCU 8-bit and MCU 16-bit. Additionally, it has Resistive touch panel interface and Capacitive touch panel interface through an I2C touch controller. It has 32KB of Flash memory for user application code, 128KB of Auxiliary Flash memory for storing data and 30KB of SRAM for user variables. Support SD memory card via a dedicated SPI interface and it is capable of using memory cards for multimedia storage and data logging purposes (microSD with up to 2GB and SDHC memory cards starting from 4GB and above).



And the PSLCD embedded graphics displays are 100% compatible with the Workshop4 IDE, which provides users with a wealth of options for programming and controlling their system, supports multiple development environments for the user, to cater for different user requirements and skill levels.



PSLCD can be applied to various fields, such as smart home automation,

medical instruments and applications, consumer appliances devices, measurement equipment panel, automotive system displays and much more.