

# SHARP

## LCD Control Terminal

### New Product News

12.1 inches TFT LCD ZM-82T

12.7 inches STN LCD ZM-82D

12.1-inch LCD control terminal with much information on screen.  
Video image can be displayed in a window screen.

A new LCD control terminal from Sharp, the leading company in liquid crystal. The new product corresponding to the various needs in the field. The operation and drawing speed is much improved by the loading 32-bit RISC chip and the latest graphic accelerator. Wide variety of functions are available.

#### ● At designing

- Screen editing software fully utilizing the operability of Windows.
- Easy drawing just by selecting the item from the **graphic parts library**.
- Parts once created for some use can be saved as **custom parts** for another use later.
- Easy layout by moving the switch by **one bit**.
- Importing the **DXF file** of CAD data.
- A screen image can be pasted into the other programs like Excel via clipboard.

#### ● At debugging

- By using **simulator function**, only PC and LCD control terminal are needed in debugging.
- High-speed transfer of screen image (**115.2kbps**).
- Trial run time can be shortened by **ladder monitor function** (on condition that this LCD control terminal is used with Sharp's PLC).

#### ● At operation

- Speedy response is realised by the high speed of communication (max. **115.2kbps**) and macro operation function.
- By 128-color display, the conventional lamp image is realised.
- The stop time at the error in equipment can be shortened by **ladder monitor function\*** (on condition that this LCD control terminal is used with Sharp's PLC).

\* Available soon



Model name	Display specification	Dot pitch	Video input I/F	Memory card I/F	Production by order
ZM-82D	12.1 inches STN color	800×600			
ZM-82DC	12.1 inches STN color	800×600		○	●
ZM-82T	12.1 inches TFT color	800×600			
ZM-82TC	12.1 inches TFT color	800×600		○	●
ZM-82TV	12.1 inches TFT color	800×600	4CH*		●
ZM-82TVC	12.1 inches TFT color	800×600	4CH*	○	●

\*: 1 channel can be selected and displayed at once from 4 channel input by using the switch on touch panel screen or a external signal.  
Please contact us as to the delivery time of order-made products.

#### ■ System configuration chart



