



# LM300

## LCD Customer Display

**True Graphic & 5V  
power input only!  
Support Multi-Language incl.  
Chinese, Arabic...**

LM300-BU  
Flat and Bezel-less Frame  
Blue Background with White Backlight

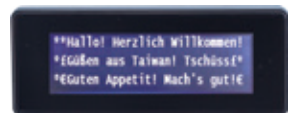
- Supports All command modes included WD-304, EPSON and Logic Control command.
- Blue or Black Background with White Backlight
- Power input 5V only. Powered by USB.
- Brightness: 520 Nits (backlight) with super wide Viewing Angle.
- Resolution: 96(H) x 360(W) dots, Display Pattern: 2x20 / 3x30 / 4x30
- Large character in 3 kinds of size for easy viewing:  
9.92(H) mm x 5.58(W) mm  
7.44(H) mm x 3.72(W) mm  
7.44(H) mm x 7.44(W) mm
- OPOS/JPOS driver is standard.



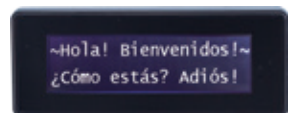
LM310-BU Wide Viewing Type with Chinese



LM301-BU in white housing. Blue background with White Backlight



LM310-BK with German



LM300-BK with Spanish



Slim Side of LM301



# LM300 LCD Customer Display

## Specification

| Model Name              | LM300-BU   | LM300-BK                              | LM301-BU   | LM301-BK                             | LM310-BU                             | LM310-BK                              |
|-------------------------|--|---------------------------------------|--|--------------------------------------|--------------------------------------|---------------------------------------|
| <b>Frame Housing</b>    | Standard Type  |                                       | Bezel-less Type  |                                      | Wide Viewing Type                    |                                       |
| <b>Display Color</b>    | Blue Background with White Backlight   | Black Background with White Backlight | Blue Background with White Backlight   | Blue Background with White Backlight | Blue Background with White Backlight | Black Background with White Backlight |
| <b>General</b>          | Display Method   |                                       | STN LCD  |                                      |                                      |                                       |
|                         | Resolution   |                                       | 96(H) x 360(W) Dots  |                                      |                                      |                                       |
|                         | Display Mode   |                                       | Half width (Alphanumeric): 2x20 / 3x30 / 4x30<br>Full width (Compound Words): 2x20 / 3x15 / 4x15   |                                      |                                      |                                       |
|                         | Brightness   |                                       | 520 cd/m <sup>2</sup> for Backlight only / 104 cd/m <sup>2</sup> for Backlight with Panel  |                                      |                                      |                                       |
|                         | Character type   |                                       | Alphanumeric and Compound (2-Bytes) Words  |                                      |                                      |                                       |
|                         | Character size   |                                       | <b>Half width (Alphanumeric):</b><br>2x20@ 9.92(H) mm x 5.58(W) mm (18x32 dots)<br>3x30@ 7.44(H) mm x 3.72(W) mm (12x24 dots)<br>4x30@ 7.44(H) mm x 3.72(W) mm (12x24 dots)<br><b>Full width (Compound Words):</b><br>2x20@ 9.92(H) mm x 5.58(W) mm (18x32 dots)<br>3x15@ 7.44(H) mm x 7.44(W) mm (24x24 dots)<br>4x15@ 7.44(H) mm x 7.44(W) mm (24x24 dots) |                                      |                                      |                                       |
|                         | Dot Size   |                                       | 0.31 x 0.31 mm   |                                      |                                      |                                       |
|                         | Dot Pitch  |                                       | 0.35 x 0.35 mm   |                                      |                                      |                                       |
|                         | User Define Character  |                                       | 16 Codepages + 1 Compound Word   |                                      |                                      |                                       |
|                         | Viewing Area   |                                       | 132.6 (W) x 43.6 (D) mm  |                                      |                                      |                                       |
|                         | Panel Dimension  |                                       | 152 (W) x 57 (H) x 21 (D) mm   |                                      |                                      |                                       |
|                         | Pole Dimension   |                                       | 130(H) x 33(Dia) mm for 1 pole, default package has 2 poles  |                                      |                                      |                                       |
|                         | Base Dimension   |                                       | 33(H) x 159.8(W) x 100(D) mm   |                                      |                                      |                                       |
|                         | Viewing Angle  |                                       | Max. 90°   |                                      |                                      |                                       |
|                         | Horizontal Rotation  |                                       | Max. 355°  |                                      |                                      |                                       |
|                         | Weight   |                                       | Approx. 980 grams  |                                      |                                      |                                       |
| <b>Commands Mode</b>    | Ultimate (Incl. EPSON POS Command) WD-304, LD220, LD540, AEDEX, UTC/S, UTC/P, ADM788, DSP800, CD5220, EMAX, LOGIC CONTROL  |                                       |  |                                      |                                      |                                       |
| <b>Language Support</b> | <b>Compound (2-Bytes) Words:</b><br>Traditional Chinese, Simplified Chinese, Korean, Arabic, Persian<br><b>Alphanumeric:</b><br>US English, Int'l English, Turkish, Bosnia, Croatian, Czech, Danish, Dutch, Estonian, Faroese, Finnish, Flemish, French, Fr Canadian, German, Greek, Hebrew, Hungarian, Icelandic, Indonesian, Irish, Italian, Katakana, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovene, Slovak, Spanish, Swedish... |                                       |  |                                      |                                      |                                       |
| <b>Interface</b>        | RS-232 (serial) / USB / Ethernet / Wi-Fi / Bluetooth   |                                       |  |                                      |                                      |                                       |
| <b>Connection</b>       | Baud rate  | Direct connection 9600 or 19,200 bps  |  |                                      |                                      |                                       |
| <b>Reliability</b>      | MTBF   | 30,000 hours                          |  |                                      |                                      |                                       |
| <b>Power</b>            | Consumption  | 5~12V DC                              |  |                                      |                                      |                                       |
| <b>Safety</b>           | EMC standards<br>Safety standards  | FCC, CE                               |  |                                      |                                      |                                       |

**Note: Product Manufacturer reserves the right to modify specifications without notification of the contractual partner.**



<http://www.labau.com.tw> E-Mail: [service@labau.com.tw](mailto:service@labau.com.tw)  
 9F., #531-1 Chung Cheng Rd., Hsin Tien District,  
 New Taipei City, 23148 Taiwan, R.O.C.  
 Tel: +886-2-2218-2277 Fax: +886-2-2218-5522