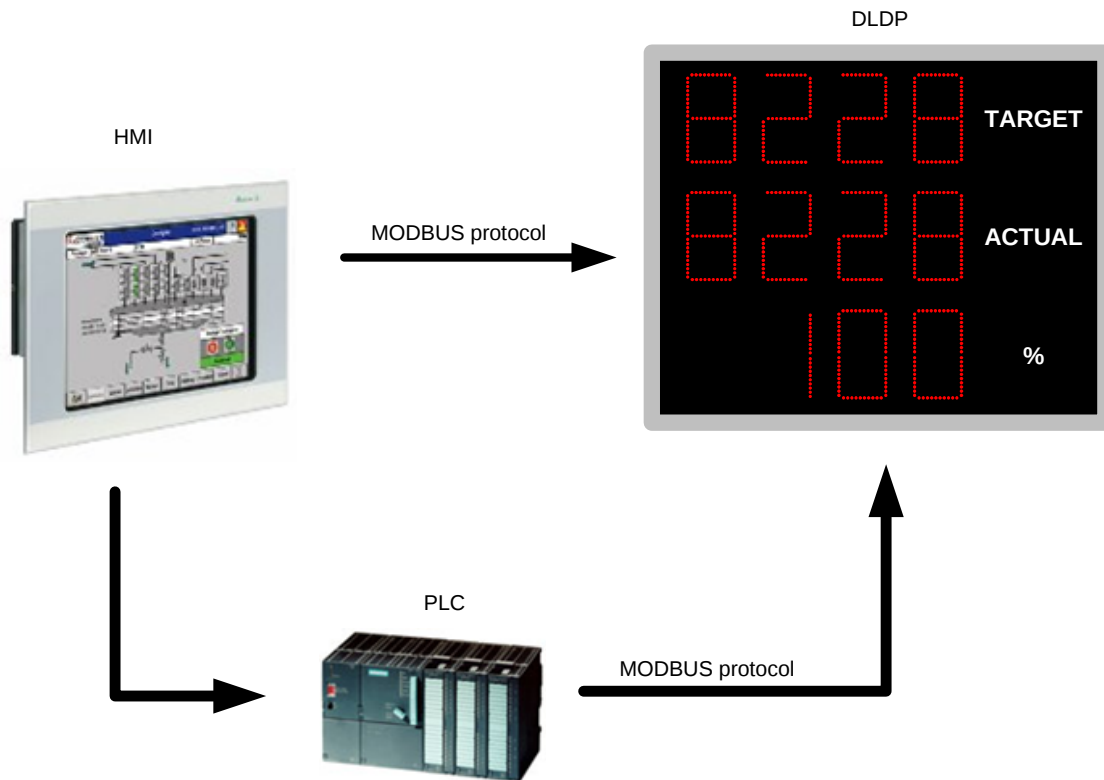


Subject	Digital Counter Display Product
Module	DLDP6/11/3
Project	Digital Large Display Panel (DLDP)

Descriptions



Introduction

This digital large display panel (DLDP) is micro computer base driven Inside and mainly for the industrial which need poll the data from the production line or wanted to get the real time result monitoring data.

The body of the DLDP is made from aluminium frame structure and acrylic surface, the labels are customize stickers which paste on the acrylic surface.

Purpose

This product is introduced because most of the system original display media is small, and less of them produce the relevant series of products that able to internal link back to their system and extract the data.

Software

DLDP is able to interface through industrial standard MODBUS protocol or proprietary protocol as depend on the needs.

Bits Stream Enterprise

25G, Jalan Bulan D U5/D (BP U5/BP), Bandar Pinggiran Subang, Seksyen U5, 40150 Shah Alam, Selangor, Malaysia.

Tel/Fax: + 603-78465831 Mobile: +60192690890

Email: bits.stream@hotmail.com/ bits.stream@gmail.com

Subject	Hardware measurement
Module	DLDP6/11/3
Product	Digital Large Display Panel (DLDP)

Hardware Sizing

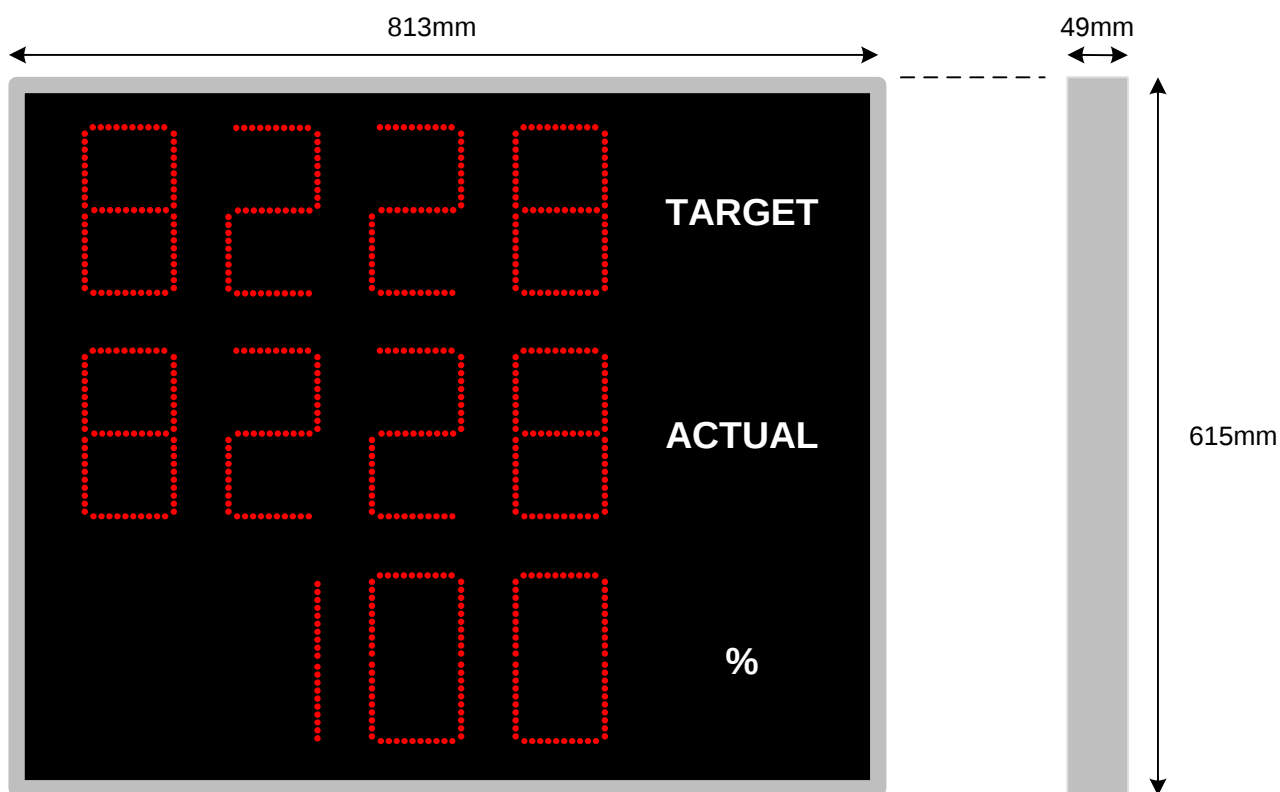


Figure 1 : Hardware measurement and label

Subject	Digit addressing
Module	DLDP6/11/3
Project	Digital Large Display Panel (DLDP)

Digit Address

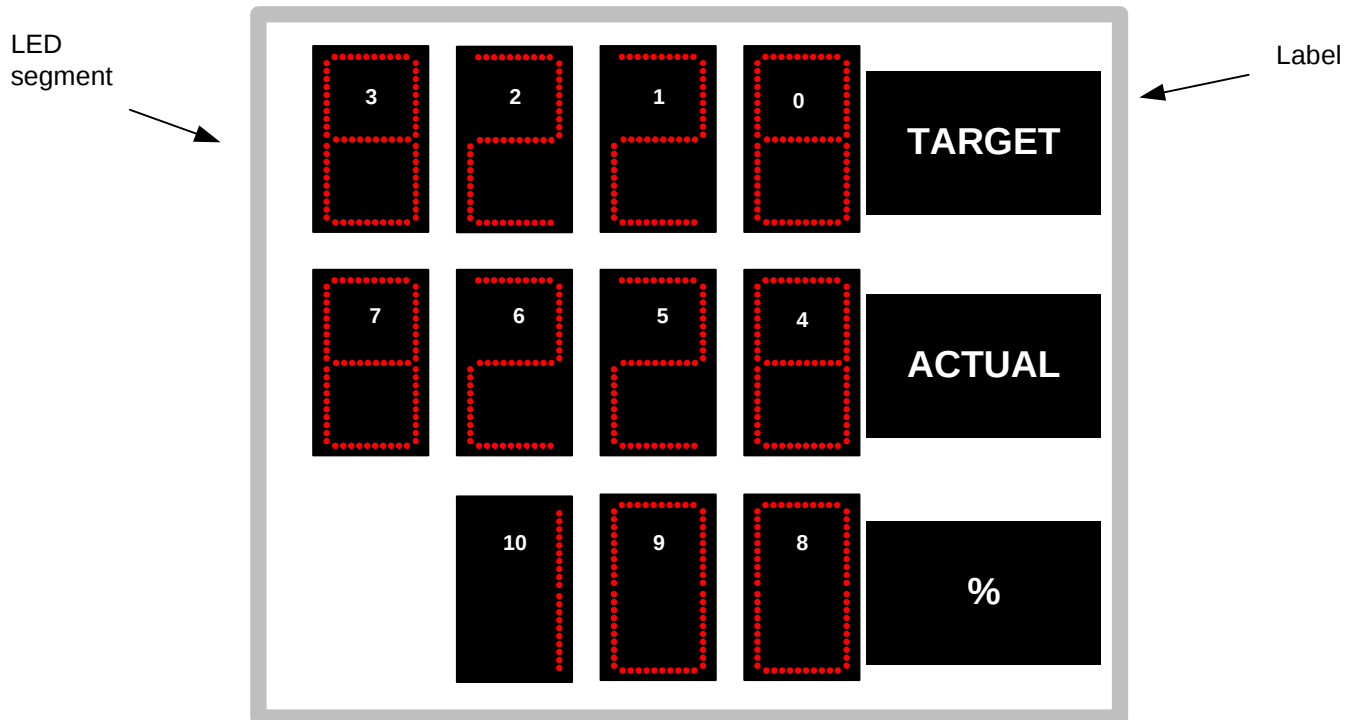


Figure 2 : Addresses of the display digit

Address

Row 1, row 2 and row 3 has its own register address in the Modbus setting.

Row 1 = address 1, row 2 = address 2 and row 3 = address 3.

Subject	Socket pin out
Module	DLDP6/11/3
Project	Digital Large Display Panel (DLDP)

Hardwire Connection

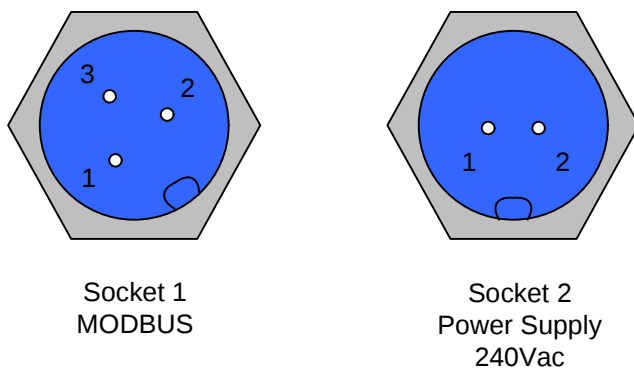


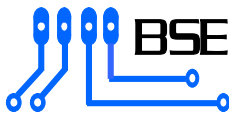
Figure 3 : Socket pin out

Socket 1 Pinout

Pin 1 is A
 Pin 2 is B
 Pin 3 Not use

Socket 2 Pinout

Pin 1 is Life terminal
 Pin 2 is Neutral terminal



Subject	Standard Modbus Protocol
Module	DLDP6/11/3
Project	Digital Large Display Panel (DLDP)

MODBUS ProtocolData interface

It is easy to deal with this DLDP, each row has fix with the address in MODBUS holding register, that are row 1 = address 1, row 2 = 2 and row 3 = address 3. The data should send in the HEX code and the max value is 9999 count.

DLDP running with 9600 baud and 8N1 data format, and the hardware port is RS485 in half duplex. The reply time is less than 100 ms.

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Email: bits.stream@hotmail.com/ bits.stream@gmail.com