



# FIREFLY: SMART LED DISPLAY SYSTEM

- ➔ **PCB board**:- Dual Sided SMD PCB. Each Product Line with LED display has individual separate PCB control Card and associated circuitry to receive the relay signal for rate- updating through remote.
- ➔ **R.F module**:- XBee/CC2500/CC1100/others(All display have individual R.F module.)
- ➔ **Power supply**:- AC 140V ~ 300V. Continuous 550V ac for 15 mins.50 Hz +/-10%, Surge Protection 6KV.
- ➔ **Event Logging**
  - Previous 1000 event-rate change with new rate, old rate, date and time.
  - Cumulative power on hours recording.
  - Previous 1000 event logging of power on and off with date and time.
  - Memorized data must be saving 40 years without any power.
  - Data does not changes
- ➔ **Width of the Cabinet** :- 520 mm.
- ➔ **Height of the Cabinet** : -230 mm.
- ➔ **Display Cabinet(front)** : -2.5 mm Acrylic(transparent red/white/other colours).
- ➔ **Display Window Size** :- 465x172mm
- ➔ **Character Height**:- 148 mm.
- ➔ **Character Width**:- 80mm.
- ➔ **Size of Digits**:- Same for all the digits.

## REMOTE MODULE

- ➔ **Hand held unit** : User friendly, light weight, password Protector.
- ➔ **Radio Frequency**: Will use XBee or CC2500
- ➔ **LCD** : GLCD
- ➔ **Keyboard**: 10 digits keys, 5 function keys, 1 power key.
- ➔ **Addressing Capacity**: 26(From single remote we can communicate with 26 rows of display modules).
- ➔ **Switching off mechanism**: Push to ON/ Push to OFF.
- ➔ **Life of the keys**: 10000 operation
- ➔ **Supply Dry cells**: 9v (Will use 2\*1.5V, AAA size in prod. Unit)
- ➔ **Error codes**: Yes
- ➔ **USB for download data**: Download data to and from display unit. It must also support to view all available information with display.



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