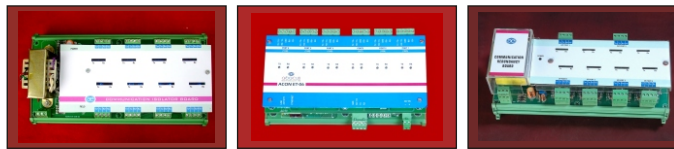


# ABACUS ELECTRONICS PVT. LTD. PRODUCT LIST

## 1. DATA CONVERTORS

1. RS 232 to RS 485 converter
2. RS 422/485 Isolator / Repeater
3. RS 232 to current loop converter (TTY)
4. Ethernet to RS 232/485 converter : 2/4/6 port
5. USB to RS 232 / 485 converter
6. Serial to fiber optic converter single & multi-mode
7. Long Distance Serial Communication Product
8. Analog to serial Converter 4 to 20 mA/0 to 10 VDC to MODBUS
9. Serial to memory device( MMC Card )



## 2. REDUNDANCY SWITCHES

10. Communication Isolator Board
11. Communication Redundancy Board



## 3. WIRELESS CONVERTORS

12. Serial to Wireless converter ( XBee )
13. Serial to WIFI Converter
14. GSM MODEM
15. Vehicle tracking system



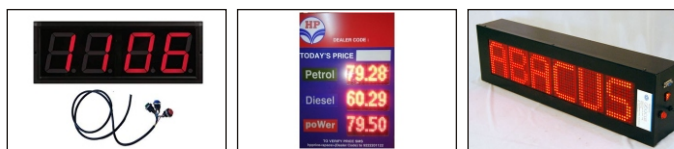
## 4. PROTOCOL CONVERTORS

16. Modbus TCP/IP to MODBUS serial gateway
17. Customized Protocol Convertors



## 5. DISPLAYS

18. Modbus Display
19. Alphanumeric Dot Matrix Display
20. P10 Multi-color Outdoor Display With Wireless Communications
21. Customized Production Displays



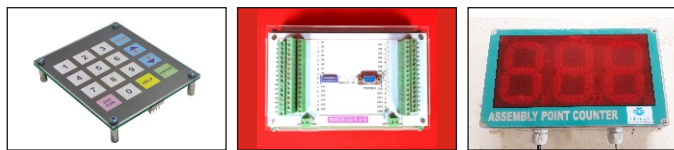
## 6. RFID TAGS & TAG READERS

22. RFID Reader Low Frequency
23. RFID Reader High Frequency
24. RFID Tags LF/HF/UHF



## 7. CUSTOMIZED PRODUCTS

25. Embedded Products Design Services
26. OEM mass Manufacturing Products
27. Capacitive Touch Keypads
28. Actuator Controller
29. USB based Energy Meter Data Logger
30. Paper folding M/C controller
31. Digital Angle measurement unit.
32. PROFIBUS I/O s
33. Counters / Mimic systems / Modbus I/O s
34. PLC Based Machine / Process Automation Solutions
35. Special Purpose machine Design & Development



## 8. ANNUNCIATOR

36. (3 -24) Window Annunciator
37. Customized Annunciator



## 9. POWER-ELECTRONICS PRODUCTS

38. Single / Three phase smart energy meters
39. Dual source energy meter
40. Net energy meter
41. DC Meter for Solar application
42. Solar charge controllers MPPT / PWM
43. Switch Mode Power Supply (SMPS)
44. CCMS (Centralized Control & Monitoring System For Street light )
45. Digital Cabin ate / Door Access System
46. Battery & Power Management Systems



## 10. THERMAL-PRINTERS DRIVERS BOARD

47. 3-inch thermal printer (POS)
48. 2-inch Auto car meter printer
49. Wireless/Wired Thermal Printers Solution
50. USB Thermal Printer Solution



## 11. IOT SOLUTIONS

51. IOT based Hydroponics System
52. Remote Monitoring Device Unit 2G/3G/4G/NB-IOT
53. IOT based smart meter monitoring system
54. IOT based smart water monitoring system

