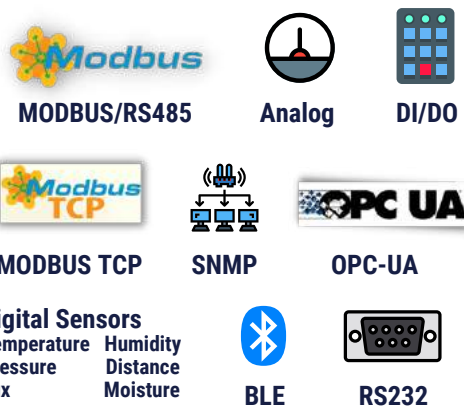




Network Connectivity & Protocols



Industrial Protocols



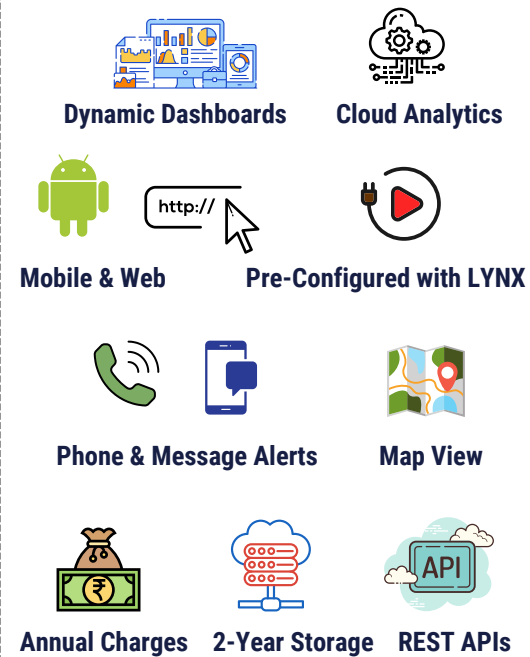
- Easy DIY Configuration
- On device display



- Integrated IoT platform
- Remote Device Management



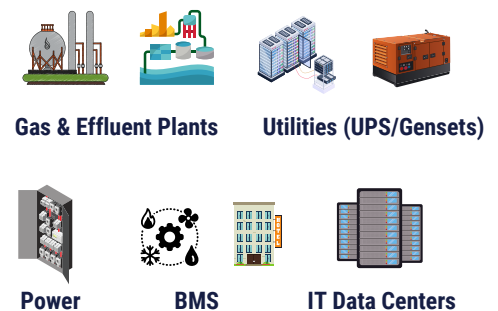
BPE IoT Platform



Industrial instruments. IoT enabled by LYNX.



Remote Management of Assets



TECHNICAL SPECIFICATIONS

Rated Input Supply	12V / 24V DC input.
Mounting	DIN Rail mounting and Wall mounting.
Dimensions	94 x 90 x 35mm
Enclosure	ABS Plastic Enclosure. IP 30 rating.
Display	OLED screen for status monitor and configuration
Environmental Conditions	Indoor Use
Temperature	Operating : 0 °C to 60°C Storage: -10 °C to 70°C
Humidity	Upto 85% (non-condensing)
Weight	210 gram (approx)

LYNX PART NUMBER

Part No	WiFi	4G/LTE	Ethernet
LYNX40	✓	✓	
LYNX41	✓		✓
LYNX42	✓	✓	✓
LYNX30	✓		

- Analog Inputs option available. Suffix "A" applied in part number.
- Customized variants available on request:
 - RS232 with machine specific protocols
 - Nb-IOT and CAT1 communication
 - Battery powered devices
 - Customized firmware logic

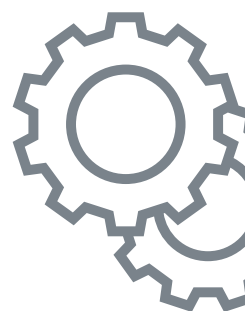
COMMUNICATION INTERFACES

Cloud Connectivity	1) WiFi /Ethernet : Internet/LAN access provided by Customer 3) 4G Cellular (LTE) Network for India or Worldwide access Optional Inbuilt IoT SIM with preactivated Subscription
Serial Communication	RS-485 MODBUS/RTU. Upto 96 parameters/tags. Support for 16 Modbus slaves.
Ethernet / RJ45 Jack	1) Connect to Internet / local LAN server. 3) SNMP, Modbus TCP/IP or OPC-UA communication 3) Configurable for Static or Dynamic IP
Optional Inputs:	1) 4 channel Analog Inputs (4-20mA / 0-10V). All inputs configurable and scaleable in software. 2) RS232: Customized protocol support for legacy instruments.
Digital Inputs & Outputs	1) Two Digital Inputs (potential free only) supported. 2) One Relay Output (24VDC 2 A) (220VAC not supported)
Digital Sensors	Inbuilt support for various I2C, Serial and One wire Sensors. Temperature, Humidity, Pressure, Distance etc.

BPE ANNUAL CLOUD PLANS

- Annual Cloud Charges applicable on per device basis.
- Plans depend on variables/tag count and monthly data points.

Plan	Maximum Tags	Monthly Data Points
Basic	5	20,000
Standard	15	50,000
Plus	35	1,00,000
Pro	60	2,00,000



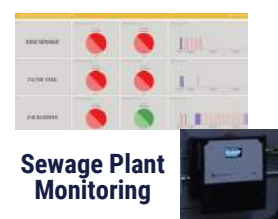
BPE LYNX DEPLOYMENT



Oxygen Plant Monitoring



Power Monitoring & Analytics



Sewage Plant Monitoring

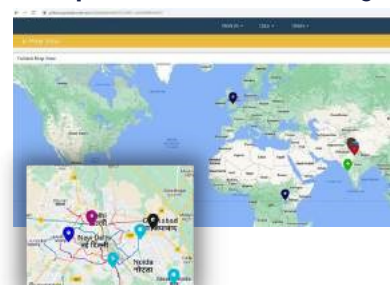


HVAC & AC Bank Control

Production Output and Machine Runtime



Map View for Asset Monitoring



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