JSD electronics

Company Profile

About Company

JSD Electronic is a leading technology company connecting billions of people, devices and systems. We have driven business transformation by harnessing the power of connectivity. We design ,Integrate and deliver next-gen technology products and solutions.

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Our Mission

Our mission is to create customer delight by delivering innovative technological solutions, precisely tailored to meet individual needs. By deploying top-tier talent, leveraging advanced technology, and fostering a collaborative environment, we aim to optimize costs and empower our customers to achieve their goals effectively.

Our Vision

Our vision is to establish ourselves as a global leader in IoT hardware solutions. Through pioneering in-house leadership and cutting-edge innovations, we aspire to become the preferred partner for all our customers. We are committed to exceeding expectations by delivering exceptional value, ensuring unparalleled reliability, and fostering long-term relationships.

Directors

Deep Hand Arora

Co-Founder & Director

Mr. Deep Hans Arora is a young Indian entrepreneur with a difference who believes in quality with pace. He is Co-founder and Director of JSD Electronics India Private Limited. He has graduated in Engineering and have 20+ years of Experience.

Simardeep Singh

Co-Founder & Director

Mr. Simardeep Singh graduated in Engineering in 2010 and has 15+ years of experience in Product Design & Manufacturing , and successfully delivering 35+ product types. He is a highly motived visionary who is enthusiastic about new Technology

Our Strength

Product Development

Product Developed

Device Connected

Capacity

16+ Year of Product Experience

50+ Product Developed

600K+ Connected Device

50K+ P/M Production Device

Our Product Segments

Automotive & Telematics Solutions

Telecom & Networking Solutions

Products for Railways

Reverse Engineering Solution

IoT Products

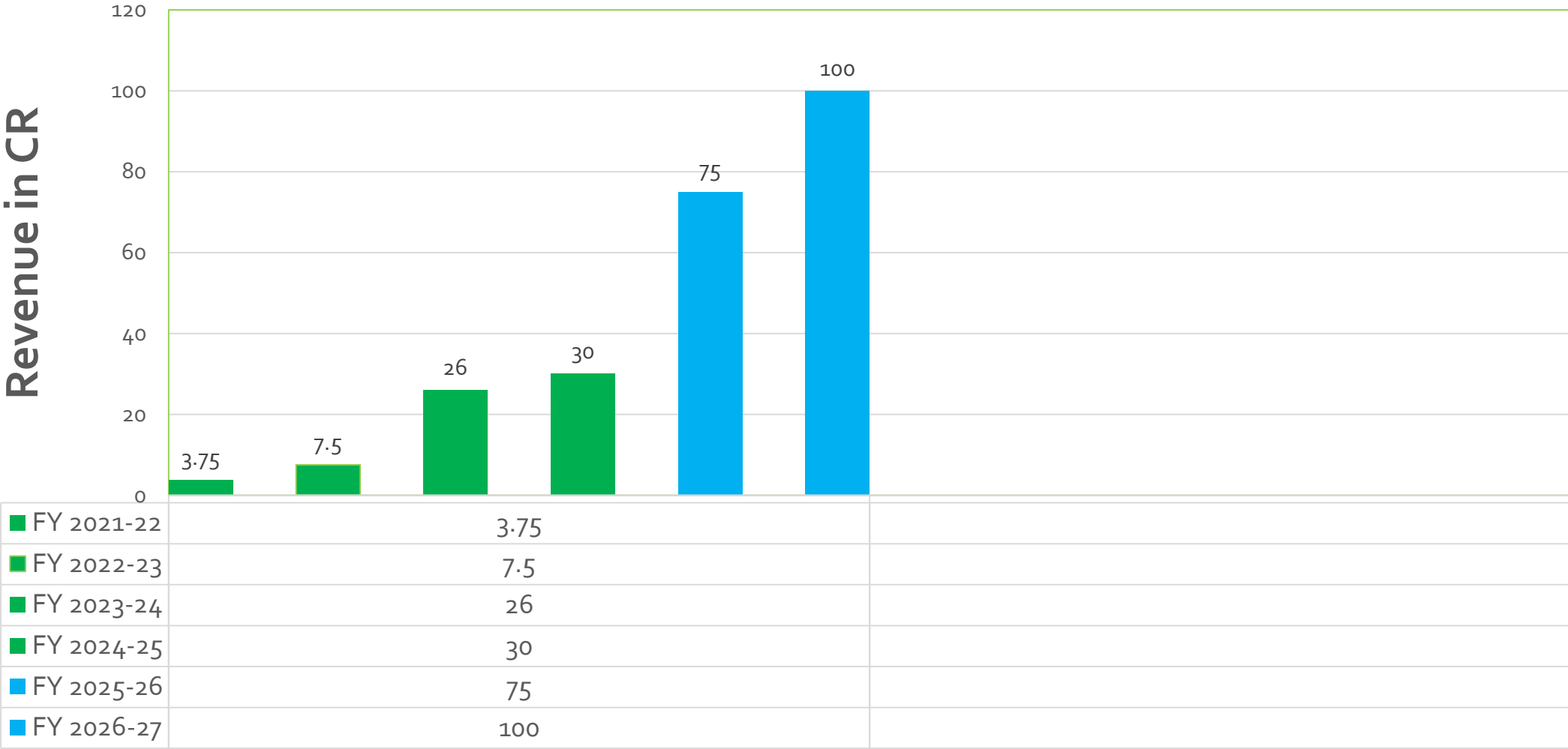Consumer Products

Our Services

Customized Products

ODM & OEM Service

24*7 Service Support

Business Growth

■ FY 2021-22	3.75	
■ FY 2022-23	7.5	
■ FY 2023-24	26	
■ FY 2024-25	30	
■ FY 2025-26	75	
■ FY 2026-27	100	

FY Achievements

Telematics Solutions

- ❖ 2G Telematics
- ❖ 4G Telematics
- ❖ Video Telematics
- ❖ Asset Tracker
- ❖ OBD Tracker
- ❖ EV Telematics
- ❖ E-Lock

2G Telematics- GB140

The GB140 is an AIS140 Certified, resilient and compact vehicle tracking device, featuring multiple I/O ports and an IP65 casing for durability. With storage for up to 40,000 tracking records and 9-36 V power supply and its CAN & BLE capability extends functionality

JSD electronics

Features

Power Input Range 9-36V	Water and Dust resistance - IP65	ROHS Compliant

Use Cases

Fleet Management	Commercial &Goods Transport Vehicles	Government & Municipal Fleets

4G Telematics- GB440

The GB440 is an AIS140 Certified 4G device. 4G connectivity with IP67 rated design have multiple protections like Reverse Polarity, Overvoltage Surge, Load Dump protection and FOTA, Odometer, Turn Detection, GPS Drift Control, Driving Behavior features.

Features

Power Input Range 9-36V	Water and Dust resistance - IP65	Storage 40,000+Packets

Use Cases

Fleet Management	Commercial &Goods Transport Vehicles	Government & Municipal Fleets

4G Telematics- GB429

The GB449 is a 4G GPS Tracker for Electric Vehicles. Integrated with electric vehicles to provide location tracking, navigation, and data management tailored specifically for the unique needs of Evs. 4G connectivity with IP67 rated design.

Features

Power Input Range 9-100V	Water and Dust resistance	Storage 40,000+Packets

Use Cases

EV Fleet Management	EV Commercial &Goods Transport Vehicles

Integration with Telematics Device

Temp Sensor

Fuel Sensor

GPS

Ultrasonic Sensor

RFID

Asset Tracker

Asset Tracker is a 4G GPS-based device designed to monitor and track the location, status, and sometimes condition of valuable physical assets in real-time. Device have 4G and 2G connectivity and strong magnetic base. 10,000 mAh Long battery life.

Features

BDS+GPS+LBS positioning	Long Battery Life	Tamper Alert

Use Cases

Asset protection and monitoring	Logistics & Supply Chain Management	Rental & Leasing Businesses

OBD Tracker

4G OBD Tracker with GSM (2G) fallback, it ensures a stable connection in virtually all situations. It's GPS + BDS positioning system delivers accurate location data and ensuring enhanced security and effective management.

Features

Use Cases

LTE & GSM Network	BDS+GPS+LBS positioning	BLE 5.0 Supported

Fleet Management	Mechanics/Workshops	Rental & Leasing Businesses

Live-Stock GPS Tracker

Track and monitor livestock with animal tracking equipment for location and movement history, speed, geofencing, inactivity alerts, and more with our range of livestock tracking devices.

Features

Advanced Geofencing	Real-time Positioning	Theft Recovery

Use Cases

Wildlife or Extensive Live-Stock Data Management	Smart Farms	Agricultural companies

SOS/ Emergency Switch

A SOS switch is an electronic device that can be pressed for immediate assistance in case of an emergency situation, be it intrusion, fire, panic, or medical.

Features

easy to install in any kind of Passenger vehicle.	Compatible with AIS 140	Superior Design & Quality

E-Lock

Smart E-Lock is our in-house made in India product integrated with GPS tracking. Below are three key elements that could add real value to the business.

❖ Stable Lock Design and Rugged Structure
❖ Ground Presence for instant service and maintenance

Features

Real-time remote cargo monitoring	Reduced risk and overhead	Geofencing for enhanced security

Use Cases

Banking Industry	Logistics & Supply Chain Management	E-commerce Industry

Telecom Solutions

❖ Ethernet Surge Protection Device(SPD)

❖ Power Over Ethernet Injector (PoE Injector)

❖ Power Over Ethernet Switches (PoE Switches)

❖ DC UPS

❖ Outdoor PoE

Surge Protection Device(SPD)

Surge Protection Device (SPD) is a critical component in electrical systems designed to protect equipment from voltage spikes or transients caused by lightning strikes, power surges, or other sudden changes in electrical power.

Features of SPD

DC Surge Protection upto 10 KV	10 Nano Sec Response Time	I Gbps Transfer Rate	IP65

Use Cases of SPD

Telecom & Data Centers	Communication Systems & Antennas	Electrical Distribution Systems

Power Over Ethernet (PoE) Injector

POE - CBDP24151- PoE Injector CBDP24151 is a device. No need to buy a PoE switch, you can use the existing non-PoE switch or non-PoE router to connect PoE devices with the help of PoE devices. The main purpose of CBDP24151 is to provide PoE to outdoor telecom products such as Access Point, Radio etc. It is compliant with the EMI/EMC.

.

Features of PoE

Compliant with IEEE802.3af/at	Input Voltage Rang AC (80-240 VAC)	Data IN & PoE out via RJ45	1 Gbps Transfer Rate

Use Cases

Telecom & Data Centers	Communication Systems & Antennas

Power Over Ethernet (PoE) Injector for Telecom

Gigabit, High Power, PoE+ Injectors Outdoor Unit, AC/ DC Supply
Input Voltage 100-264 VAC for AC Model & 36-75 VDC for DC
Protection Overload Current & Over voltage; Reverse Polarity &
Short circuit
Consumption Max. 2.5 W full loading without PDs
Operating Temperature -5°C to 55°C
Storage Temperature -40°C to 85°C (-40 to 185°F)
Ambient Relative Humidity 5 to 95% (non-condensing)

Features of PoE

10/100/1000BaseT(X) for PoE OUT and DATA IN	100-264 VAC for AC Model & 36-75 VDC for DC Model	Data IN & PoE out via RJ45	Outdoor Model: IP65 Protection

Use Cases

Telecom & Data Centers	Communication Systems & Antennas

Types of Power Over Ethernet (PoE)

PoE Injector

PoE Splitter

PoE Extender

PoE Switches

PoE Switches

A PoE switch is a regular Fast Ethernet or Gigabit network switch that has Power over Ethernet functionality integrated. A Power over Ethernet switch both enables communication among network clients and provides power using the same RJ45 network cable to PoE-enabled edge devices, such as VoIP phones, network surveillance cameras or wireless access points.

Features of PoE

| Energy Efficiency | Greater Flexibility | Centralized Management |

Use Cases

| Telecom & Data Centers | Communication Systems & Antennas |

Networking Solutions

We are one of the leading manufacturer of Power Cables, Fire Survival Cables, Armoured Cables, Control Cables, Networking Cables, Automobile Wires, Battery Cables, Panel Wires .Work Area: Insulation Wires, Moulding, Harness & Connectors, Networking Cables, and Data Cables Power Cables.

Coaxial Cables	Telecommunication Cables	Solar DC Wire	Power Cables
Networking Cables	Optical Fiber Cables	Copper Terminated Assemblies	Optical Fiber Terminated Assemblies

Wire Harness Patch Cord & Assembly
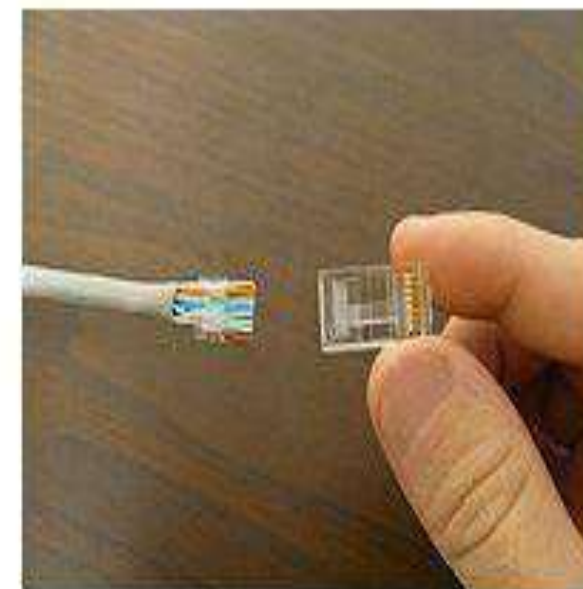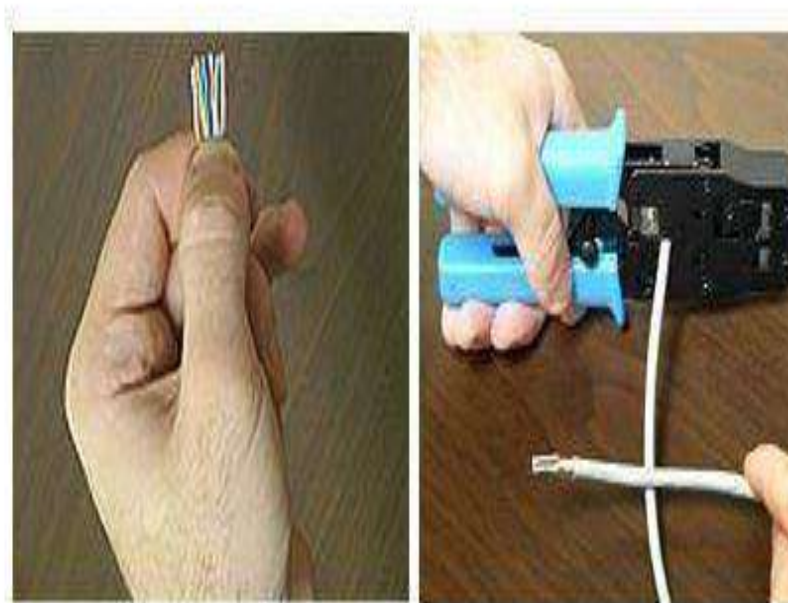
Certificate & Compliance of Wire & Cable

IS:1293 IS:694 IS:7098-1 IS:1554-1 IS:14255 CE UL Recognized Component

CERTIFIED ISO 9001 CERTIFIED CERTIFIED IATF 16949 :2016 COMPANY ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001 UNITED REGISTRAR OF SYSTEMS URS IATF 16949 Occupational Health & Safety Management System ISO 45001 Certified

Use cases

| Security Systems | Ethernet Networking (LAN) | Audio and Video Transmission |

Video Telematics

Video telematics combines AI-powered dash cams with telematics sensors, such as GPS receivers, engine interfaces and accelerometers. Together, they monitor driver behavior and vehicle performance and turn raw data into actionable insights. You see the full picture—from vehicle movements to identifying unsafe driving behaviors. The goal is to optimize fleet operations, plan efficient routes, save fuel, and schedule maintenance more effectively.

Features

Real-Time Video Streaming	Event-Triggered Video Recording	Integration with Fleet Management Systems	Incident Detection & Alerts	Driver Behavior Monitoring	Dual-Facing Cameras

AI Dashcam

An AI Dashcam is a smart video camera for vehicles that uses artificial intelligence (AI) to analyze footage in real-time. Unlike standard Dashcams that simply record video, AI Dashcams actively detect unsafe driving behaviors and potential road hazards, offering instant feedback to improve safety.

Features

2CH/4CH	ADAS	DMS	FR

Use Cases

fleet management	Accident Prevention and Driver Behavior

Intelligent Transport Management System

An Intelligent Transport System (ITS) is a technology-driven framework designed to improve the efficiency, safety, and sustainability of transportation networks. It integrates advanced communication, information, and sensor technologies into transport infrastructure and vehicles to create smarter, more connected transportation systems.

Features

Data Acquisition	Data Processing	Data Communications	Data Distribution	Information Utilization

Complete Solutions for Buses

Solutions

1- AIS140 Certified GPS Tracker
2- Video Telematics Solutions
      1- ADAS
      2- Dashcam
3- Display
4- Camera
5- Passenger Counting System
6-MDVR

Temperature Sensor | Passenger Counting Camera | ADAS Camera | DMS Camera | Rear Camera | Passenger Counting MDVR | Monitor | RFID Card Reader

Complete Solutions for Trucks

Solutions

1- AIS140 Certified GPS Tracker
2- Video Telematics Solutions
      1- ADAS
      2- Dashcam
3-Temp Sensor
4- Camera
5- Fuel Sensor
6- MDVR

Mobile Network Video Recorder(MNVR)

Mobile Network Video Recorder(MNVR) A Mobile Network Video Recorder (MNVR) is a specialized device designed to record and manage video footage captured from surveillance cameras installed in mobile environments such as buses, trains, police vehicles, or other forms of transportation.

Passenger Counter Platform

SD MDVR(4G+GPS)

Features

2CH/4CH	HDD/SSD/TF CARD	RS232/485
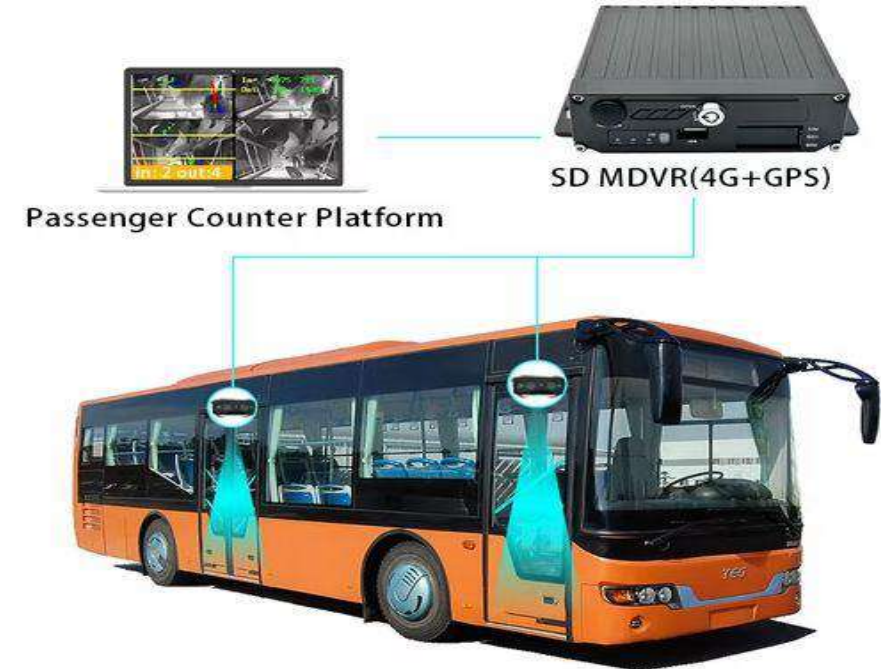
Use Cases

Public Transport	School Buses

Public Information System(PIS)/Display

A display refers to a visual output device or medium that shows data, images, or text for the purpose of conveying information to a user. Displays are commonly used in a wide variety of technologies and environments, from consumer electronics to public information systems.

Features

IP65	Multiple Sizes	Content display – Picture ,Text and Video

Use Cases

Road Traffic & Parking	Buses/Train

IoT(Internet of Things) Solutions

IoT solutions (Internet of Things solutions) refer to **systems or services** that connect physical devices (things) to the internet, allowing them to **collect, send, receive, and analyze data** — often in real time. These solutions enable automation, remote monitoring, and smarter decision-making in homes, industries, cities, and more.

Advantages

Real-time data & alerts	Improved safety and maintenance	Automation of tasks	Increased efficiency	Cost savings through data-driven insights	Remotely Control & monitoring

IoT Gateway

An IoT Gateway is a device that connects Internet of Things (IoT) devices (like sensors, controllers, and intelligent field devices) to the cloud or a central data system. It acts as a bridge between the edge (field-level devices) and higher-level systems, enabling communication, data processing, and management.

Intelligent Field Device(IFD)

An intelligent field device is a type of equipment or sensor used in industrial automation systems that has built-in processing capabilities, enabling it to perform tasks like data collection, analysis, and communication with other devices or control systems without the need for a centralized controller. These devices typically use advanced sensing technologies, microprocessors, and communication protocols to monitor and control various parameters in real-time.

Advantages

Remote Monitoring and controlling	Automation (Monitoring & control) system	Reduced downtime and maintenance costs	Improved accuracy and efficiency in process control	Better data availability for analytics and optimization	Data Monitoring and Management

Device

Intelligent Field Device(IFD) Uses/Applications

| Substations Monitoring and controlling | Tunnel and street Light Monitoring and controlling | Lift and Escalator Monitoring and controlling | Water Pump & Bore well Monitoring and controlling |
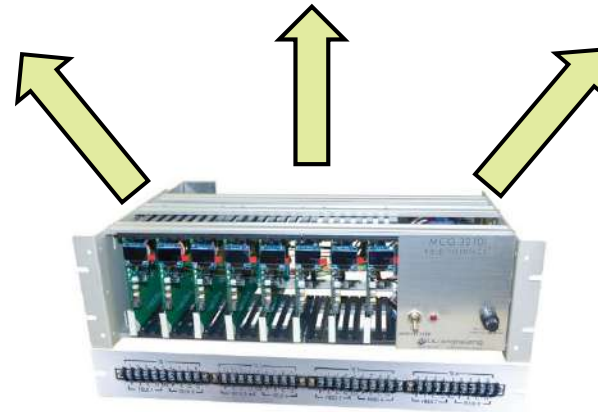
Intelligent Field Device

Medical- NB IoT Gateway

Features

Use cases- Remote patient Monitoring System

❖ Blood Pressure Monitoring

❖ Weight Monitoring

❖ Pulse Oximeter reading

❖ Glucometer reading

Sleeping Disorder Device

Features

❖ Prevents Airways from Narrowing

❖ 100% Safe ,Natural & Non-Invasive treatment

❖ Effective for Preventing snoring & sleep apnea

❖ Easy to put on & comfortable to wear

Reverse Engineering

Reverse-engineering is the act of dismantling an object to see how it works. It is done primarily to analyze and gain knowledge about the way something works but often is used to duplicate or enhance the object. Reverse-engineering can be used to learn how something works and to recreate the object or to create a similar object with added enhancements

Features

Product Improvement	Cloning or Imitation	Interoperability

Smart USB

This product cover all three protection range i,e Over voltage, under voltage and over load protection. In case of voltage fluctuations, the device instantly cut off the power supply. When supply is back to normal, the device automatically reconnect supply

DC UPS

Smart Power-Cut Solution : Power Plus provides battery backup for your router and other devices, keeping your Wi-Fi and internet connection stable. Keep your router, set-top box, and other devices running smoothly when your electric power cuts.

Annual Maintenance Contract
AMC Services | AMC Service Provider

JSD Electronics is a single stop service provider for a number of OEMs. We provide instant support through a variety of channels (web, chat, phone, e-mail) through a proper channelized helpdesk/Support team

Support channels

Online Support (web, chat, phone, e-mail)	Offline Support (Field Visit)

Our AMC services include

Hardware & Software support for Telematics & Automotive GPS Tracker | Dashcam	Hardware & Software support for Telecommunications devices SPD | PoE | Wire & Cable

Manufacturing Plant

SMT Line

Quality Check

Packaging

Manufacturing Plant of Wire & Cable

Machinery of Wire & Cable

Cable Fault Locator

Oxygen Air Bomb

Universal Oven

Profile Projector

Tensile Strength Tester

Oxygen Index Tester

Our Clients

Certification & Standards

ISO 9001 : 2015

ISO 14001 : 2015

www.jsdelectronics.co.in

Thank You

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