

**Four-Faith
NB-IoT Products**

Four-Faith NB-IoT series that provides wireless long-distance data transmission by public NB-IoT network. Using the industrial components to provide high performance, high reliability and low power consumption features.



**Four-Faith
Intelligent Gateway**

Four-Faith smart gateway series design for the Internet of Things, providing users with wireless long-distance big data transmission functions using fiber/wired/4G/5G networks. Smart gateways are widely used in various smart cities, municipalities, expressways, characteristic towns, scenic spots, parks, and other occasions.



**Four-Faith
Industrial Computer**

Four-Faith industrial computer series uses high Performance CPU. Provide high-speed computing support for customer task programs. Built-in Android operating system and provide relevant API and development documentation, making it easier and more convenient for customers to use and develop applications.



**Four-Faith
Intelligent IoT Surveillance System**

Four-Faith Intelligent IoT Surveillance System has Intelligent IoT IP camera, NVR, switch and cloud Platform. The system combines data + wireless transmission + AI + image to provide the whole solution for the different scenarios.



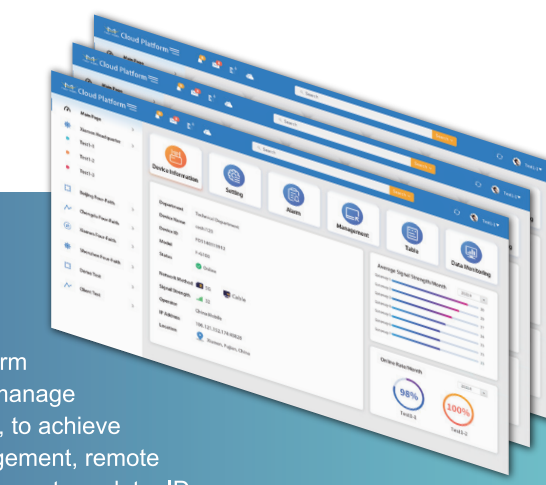
**Four-Faith
Temperature Screening Terminal**

F-TD200 is an intelligent temperature screening machine, using highly sensitive infrared detector with exquisite appearance can be deployed in stations, schools, hospitals, supermarkets, office buildings, and other public places with large flows of people, helping to quickly and accurately screen people with fever, reducing the risk of pandemic spread, and ensuring public health and safety.



**Four-Faith
Cloud Platform**

Four-Faith cloud platform help user setting and manage the Four-Faith devices, to achieve various devices management, remote control, data analysis, remote update, ID management and other functions.



Industrial Grade Design
Using Industrial level components



Massive Devices Connection
Support maximum 100,000 device connections



Secondary Development
With Python and C language development environment, achieve customized functional applications



High Data Transmission
Support 4G and 5G cellular network



Industrial Grade Design
Industrial grade and high-performance components



Rich Interfaces
Provide multiple RS232/RS485, DB9, ethernet and other IoT interfaces



Industrial Design
Industrial level components, metal casing, protection level up to IP67



Artificial Intelligence
Support people counting, water level reading, human/vehicle detection and other AI fusions



Accurate Measurement
Accurate temperature measurement of 1-4 meters, the temperature accuracy is $\pm 0.3\text{ C}$, automatic correction



Multi-person Temperature Measurement
Support Multi-person temperature measurement at the same time, no sensitivity screening, 300 people/min pass rate



Devices Centralized Management
Centralized management of device information, firmware and configuration



Remote Control
Send control instructions to the equipment, without on-site operation, saving manpower



Lower Power Consumption
Current less than 4.0uA



Stable & Reliable
Support DDNS



Various Interfaces
Provide RS232, RS485, I/O, Ethernet, SFP port, etc.



Support Various Protocols
Support TCP/IP, UDP, HTTP and other protocols



Various Operating System
Support Android, Linux, Ubuntu and other operating systems



Powerful Function
Support 4G&5G network. Provide rich external interfaces to meet customer application needs



IoT Interface
Support serial ports, I/O, relay, and other interfaces to connect with the IoT devices



High Speed Data Transmission
Support 4G/5G cellular network to achieve wireless high-speed transmission



Intelligent Feature
Automatic tracking, face temperature measurement, over-temperature automatic alarm, mask detection, number of statistics



Easy to Use
Plug and play, simple operation, easy to maintenance



Device Alarm
Monitoring the equipment alarm information in real-time, check & solve the problem of abnormal equipment urgently



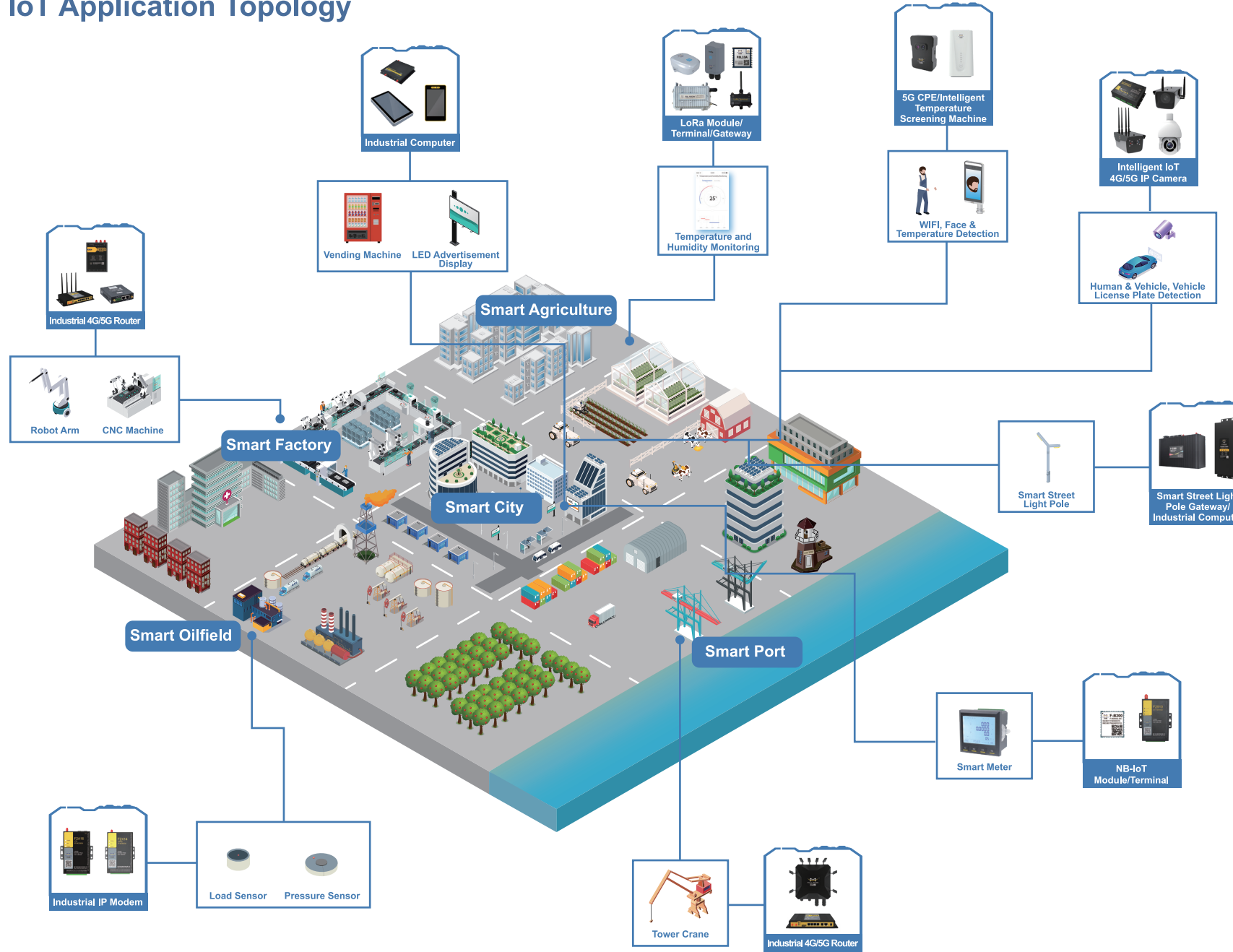
Data Visualization
After graphical processing, device information and data can be displayed in various data charts

**Four-Faith
AIoT Communication Products**

- Industrial Router
- LoRa
- IoT Surveillance System
- Intelligent Gateway
- 5G CPE
- IP Modem
- NB-IoT
- Industrial Computer
- Save Pass Terminal

3 | R&D Centers 1000+ | Employees 70% | Developers & Engineer 200+ | Countries Millions | Devices Operating

Four-Faith IoT Application Topology



Four-Faith 5G CPE

F-NR300 is a high-performance 5G indoor CPE, supports NR (SA&NSA), TDD-LTE, FDD-LTE, converts cellular network data into WIFI and wired network port data, it is suitable for home or commercial scenarios that require rapid deployment of wired broadband networks and WIFI hotspots.



Four-Faith 5G/4G Industrial Router

Four-Faith 5G/4G Industrial Router is designed for the communication of IoT devices over 5G/4G cellular networks, provide efficient, stable, safe, and reliable network connection for equipment networking and equipment management platform. It can also communicate in some special protocols such as Modbus, MQTT, IEC101, etc.



Four-Faith Industrial IP Modem

Industrial IP Modem, also called Data Transfer Unit (DTU). It is a device to collect data from PLC, sensors, transducer, meters, etc. through its serial or I/O port, and transfer the data over 2G/3G/4G to the remote server.



Four-Faith LoRa Products

Four-Faith LoRa series based on standard LoRaWAN® protocol. The whole LoRa solution including terminal, gateway and module, to achieve the low cost, low power consumption and massive connection.



 High Performance Processor Ensure the high-speed processing performance of the 5G network, and strongly open the new era of 5G.	 Full Network Coverage Support 5G/4G network, covering the global mainstream frequency band and compatible with 5G SA and NSA standards.	 IoT Interface I/O, relay, RS232/RS485	 Industrial Grade Design Industrial level components, metal casing	 Industrial Protocol Support MQTT, Modbus and other protocols	 IoT Interfaces RS232/RS485, I/O port	 All-in-one Solution Have LoRa Gateway, Terminal, embedded Module, sensor	 Data Transparent Transmission Support standard LoRaWAN protocol, realize data transparent transmission
 Compact Design Lightweight, easy to carry, fast installation	 Plug and Play Plug and play, simple operation, easy to use	 Industrial Protocol Support some special protocols such as Modbus, MQTT, IEC101, DNP3.0, etc.	 5G Network Support SA/NSA 5G network, smart switch between 5G, 4G, Ethernet network	 Wireless Transmission Support 4G, 3G, 2G cellular network to achieve wireless transmission	 SMS Support SMS alarm	 Low Power Consumption 3.1~3.3 mA @ 12V DC in Sleep Mode	 Various Protocols Support private, LoRaWAN, CLAA and other protocols

Four-Faith is the world's leading Internet of Things communication equipment and solution service provider. With technological innovation as the core, Four-Faith revolves around wireless communication technology, 5G, AI, etc. Products include industrial 4G/5G routers, LoRa&NB-IoT series, AIoT surveillance system, IP Modem, etc. These products are widely used in smart cities, smart factory, smart security, smart agriculture and other AIOT fields.



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