Device Configuration And Functionality

Field Transmission Unit (FTU)

Interface configuration	LAN, 4G/LTE
IO configuration	Card specific Channel configuration
Device Control	Soft Reboot
Security	User authentication(Json Web Token), Reset password
Diagnostic	Downloadable application logs with log rotate support

System Specification

CPU	Arm Cortex-A53 64-bit 2-CORE at 1.0 GHz
OS	QorIQ SDK (FSL Linux Distro) 3.1.10 (dunfell)
Storage	8GB eMMC5.1 NAND FLASH
RAM	DDR4 2GB
Programming	Linux CPP , Shell Scripting, C
Serial Port	Isolated RS485- 1X3POS 3.5mm Terminal Block - 1
PCIe Slots	PCIe 2.0; 2 Mini PCIe Slots (Half Size &Full size) for Wi-Fi and 4G/LTE
Power Input	24 ~ 36 VDC
Ethernet Port	RJ-45 10/100/1000 Mbps
Power options	24V@ 500mA (typical) and @ 850mA (maximum)
Storage Temperature	0°C to 85°C
Working Temperature	0°C to 70°C