

The Only IoT Middleware for Electronic Tax Invoice

THE VALUE ADDED TAX REGULATIONS 2020

Retail & Hospitality Applications

The age of Internet of Things isn't approaching - it's already here. The IoT industry is already seeing innovative developments such as Electronic Invoice Internet of Things (EIIoT) and Artificial Intelligence of Things (AIoT). As EIIoT pivots to an edge computing architecture, DTR remains a crucial fiscal device IoT solution provider.



Supermarkets



Grocery Stores



Pharmacy's



Liquor Stores



Fast Food Franchises



Restaurants

DTR brings the ideal blend of technology expertise in the EIIoT chain for vertical solutions. Our ability to Integrate these solutions with regulatory and compliance processes makes us the idea partner.

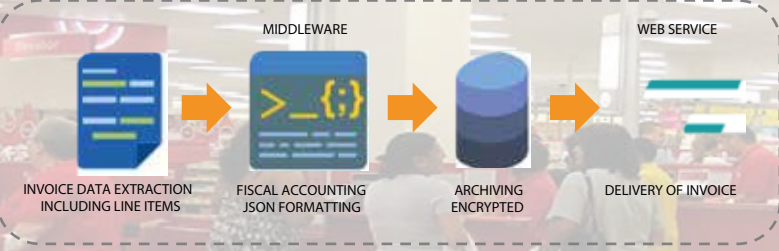
TMU-FB33B

Control Unit for Point-of-Sale

SUPPLIER



POS



WEB SERVICE

CONNECTION VIA INTERNET



KENYA REVENUE AUTHORITY

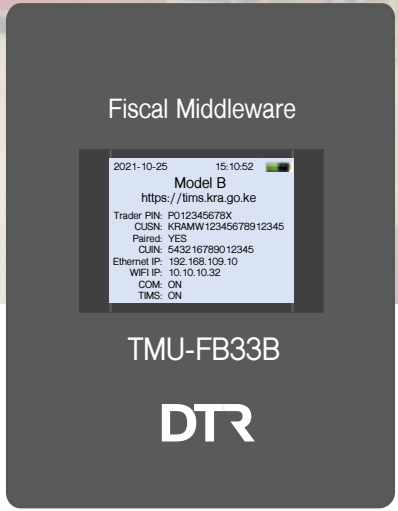


AUTO FORMATTED DIRECT PRINT 80mm POS PRINTER

BUYERS TAX INVOICE



KRA QR CODE TAX INVOICE CHECKER REGISTERED / UNREGISTERED



Fiscal Middleware

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2021-10-25 15:10:52
Model B
https://tims.kra.go.ke
Trader FIM: P012345678X
CUSN: KRAMW12345678912345
Paired: YES
CUIN: 543216789012345
Ethernet IP: 192.168.103.10
WiFi IP: 10.10.10.32
COM: ON
TIMS: ON
    
```

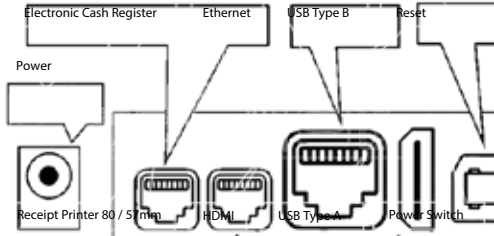
TMU-FB33B

DTR

When Performance Matters

The risk to retailers goes beyond a one-time loss due to slower checkouts. Three-quarters of shoppers do not exclusively shop at any single grocery store, indicating that shoppers will not hesitate to bring their business to a competitor for a better checkout experience. Our EIIoT Control Unit - Fiscal Middleware architecture is built on current and emerging technologies, processing power, Big Data, Analytics, visualization tools and speed. All these approaches are aimed at complying to regulatory requirements without compromising checkout performance.

- Hardware-based AES Encryption, Advanced encryption mechanism for data security. Pre-boot authentication & fast data encryption.
- Middleware's End-to-End Data Protection is a feature implemented that extends error control to cover the entire path to TIMS.
- Hardware-based technology is designed to prevent data loss and ensure the stability of Tax Invoice data transmission to KRA.
- OTA - Over the Air Updates to OS, VAT Rates, Fiscal Accounting and any other requirements that may be specified by the Commissioner.
- 24/7 Help Desk, remote support service and problem resolution with no physical technical personnel at premises required.
- API Sandbox for System Integrators and Software Developers available with on call technical assistance.



Specifications

Processor	Freescale i.MX6 NXP
Memory	Dual ARM Cortex, A9 1.2GHz
Nand	1GB DDR3
Storage	1024 Boot only
Display	8GB eMMC
Display	2.4" LVDS
Ethernet	10/100/1000 Mbps
WiFi	2.4/5GHz
Bluetooth	WLAN (802.11 a/b/g/n)
USB	BLE 4.1 with CSA2
Serial	1 x 2.0 & 1 x OTG
Power Supply	2 x RS232
UPS	External
OS	Internal
API	Linux Embedded - Yocto™
User Interface	Engine - Windows™
	Web



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