xCL_AT-150-U Smart UPT

- **Built in 4G antenna* to save extra cost & effort**
- **Up to 8MP camera* for best decoding performance**
- **Auto-adjustable light sensor* for better visual experience**
- **Rugged design with UV and water resistant**
- **Enable fingerprint* authentication**
- **Able to drive 2nd display**
- **MDB slave supported**

#kiosk #hospitality #ticketing #vendingmachine

#parkingmeter #drivethrough #bank

SPECIFICATIONS

CPU
- Qualcomm ARM Cortex-A53 quad-core 64bit (QCM2290) up to 2.0GHz
- Secure: MAXIM ARM Cortex-M3 SoC

Operating System
- Android 12
- Optional Android GO (Lite version)

Memory
- 2 GB SDRAM +16 GB eMMC
  Optional
- 1 GB SDRAM +8 GB eMMC (*Lite version*)
- Up to 4 GB SDRAM +64 GB eMMC

Display
- 5" 1280x720 pixel TFT color display
- Capacitive Touch (PIN Entry)
- Auto adjustable brightness (Optional)

Magnetic Stripe Reader
- ISO 78113 tracks MSR

Smart Card Reader
- EMV L1 approval (T=0 & T=1 type)
- Landing type card slot with light guide
- Support up to 4 SAM slots (Optional)

Contactless Reader
- ISO14443 type A/B
- NFC (ISO18092)
- Mifare
- SONY FeliCa

Barcode Reader (Optional)
- 5MP auto focus front facing camera
- 5MP fix focus bottom camera with aiming and flash LED
- Optional 8MP camera

Connectivity
- Power jack x1
- USB-C x1
- RS232 x1
Optional Extension Hub
- USB 2.0-A x2
- Ethernet 10/100 RJ-45 x1
- MDB Slave x1

Wireless Communication
- Wifi 802.11 a/b/g/n/ac (2.4G & 5G)
- Bluetooth BLE
- 4G LTE built-in (Optional)

Security
- Algorithm: 3DES, RSA
- Key Management: MK/SK, DUKPT
- Mutual Authentication
- Message Encryption
- PCI compliant Load Key process

Certification
- PCI PTS 6.x with SRED
- GBIC, and CC compliant
- EMV Contact L1 & L2
- EMV Contactless L1
- Mastercard TQM (PCD/IFM)
- PayPass, PayWave, DPAS, ExpressPay, China UnionPay, JCB J-Speedy
- Google Pay, Apple Pay, Samsung Pay, Apple Pay VAS, ECP2, Google Smart Tap

Audio
- Speaker
- Audio Jack (Optional)

Secure Fingerprint Module (AT150U-FP)
- FBI PIV certified
- Sensing area: 12.8mm x 18mm

Safety & Environmental Compliance
- FCC | CE | CB | UL
- ROHS/WEEE/REACH
- IP65 | IK08
- High durability UV proof rated plastic

Power source
- 12V~45V input

Dimensions
- AT150-U: 166 (L) x 93(W) x 55(D) mm
- AT150-U-FP: 201(L) x 93(W) x 55(D) mm

Environmental
- Operating Temperature: -20°C to 70°C
- Storage Temperature: - 40°C to 80°C
- Operating Humidity: 5% to 95% (non-condensing)

Accessory
- 12V/2A Power adapter & cord (indoor use)
- Installation bezel
- Quick user guide/safety instruction
- USB display dongle (Option for Android12)
  - Drive 2nd touch display to support
    ● ECR POS/KISOK/Vending Machine Customer Facing Touch Display