

## xCL\_AT-150-U Smart UPT

- Built in 4G antenna\* to save extra cost & effort
- 5MP 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

#### Memory

- 2 GB SDRAM +16 GB eMMC
- Optional 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

#### 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 with built-in antenna (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

- Mono 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 (without heater option)
- Operating Temperature: -40°C to 70°C (with heater option)
- 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