

## xCL\_AP-20 Smart PINPAD

- QCM2290 based all in one Android Desktop PINPAD
- Latest E6 platform with Secure Android 12 OS
- PCI PTS 6.x certified
- Global major payment schemes
- IP53 Ingress Protection rating
- Flexible wire communication options
- WiFi dual band & Bluetooth 5



#retail #restaurant #hypermarket #grocerystore #foodcourt

## SPECIFICATIONS



### CPU

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

### 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)
  - 3 GB SDRAM + 32 GB eMMC
  - 4 GB SDRAM + 64 GB eMMC
- MicroSD card slot x1 (Optional)

### Display & Touch

- 3.5" (480x320) TFT color display
- Capacitive touch panel
- Adaptive brightness (Optional)

### Audio

- Mono Speaker
- Buzzer
- Microphone

### Magnetic Stripe Reader

- ISO 7811, 3 tracks

### Smart Card Reader

- ISO7816-1/2/3 asynchronous T=0, T=1
- SLE4442 Memory Card
- Support LED light guide (Optional)
- SAM slot x 1 (Optional)

### PINPAD

- 4x4 layout plastic keycap
- 0~9 numeric key
- Function key x 5
- ADA compliance
- Privacy shield

### Camera

- 5MP Fix-Focus front facing camera (8MP camera is optional)
- Support 1D/2D barcode scanning

### Interface

- Option#1: USB2.0 Dual connector cable
- Option#2: RS232+POE (RJ45) cable

### Wireless Communication

- Wifi 802.11 a/b/g/n/ac
- Bluetooth 5.0 Dual Mode

### Power

- 5V/3A power source input
- Power button x1

### 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
- SonyFelica
- PayPass, PayWave, DPAS, ExpressPay, China UnionPay, JCB J-Speedy
- Mastercard TQM

### Safety & Environmental Compliance

- FCC
- CE
- CB
- ROHS/WEEE/REACH

### Dimension

- 165(L) x 81.5 (W) x 25(H) mm

### Environmental

- Operating Temperature: 0°C to 50°C
- Storage Temperature: - 20°C to 60°C
- Operating Humidity: 5% to 85% (non-condensing)
- IP53 rating

### Accessory

- Communication cable (USB or PoE)
- 5V/3A Power adapter
- Privacy shield
- Quick user guide/safety instruction
- POE adaptor (Optional)
- Ethernet RJ45 cable (Optional)
- Standpod (Optional)