

桌面式扫码支付平台 · NFC 读卡 + 扫码二合一 · 语音播报 · 即插即用

XL-1612-NFC 桌面扫码支付平台

XL-1612-NFC Desktop Scan & NFC Payment Platform

640 × 480 CMOS @30fps

NFC 读卡 0~6 cm

ISO14443 TypeA/B · M1

运动容差 50 cm/s

270 g

129.8 × 109 × 111.24 mm

NFC + 扫码二合一

NFC & Barcode in One

支持 M1、Type-A、Type-B 及各类常用 IC 卡解读，最大读卡距离 6 cm；同时识读主流一维 / 二维码，主动感应扫码模式，扫码与读卡无缝切换，一台设备搞定支付与核验。

Reads M1, Type-A, Type-B and common IC cards at up to 6 cm, while decoding mainstream 1D and 2D codes. Active-sense reading switches seamlessly between card and barcode - one unit covers both payment and verification.

01

快 · 100ms 解码

Fast - 100 ms Decode

高效工作性能：100 ms 内解码完毕并发送完毕；高速摄像光学技术带来 50 cm/s 运动容差，顾客无需刻意停止移动，支付码一晃即过。

Decodes and transmits within 100 ms. The high-speed imaging optics deliver 50 cm/s motion tolerance, so customers never have to stop moving - a payment code passes through in one sweep.

02

语音播报 + 补光

Voice Prompt & Illumination

内置语音播报，支付结果听得见；6500K 白光 LED 照明，暗光环境下也能稳定识读；可选配强光、逆光环境专用扫码配置。

Built-in voice prompt announces every result. The 6500 K white LED keeps reading stable in low light, with an optional configuration for strong ambient light and backlight conditions.

03

看得懂难扫的码

Handles Difficult Codes

支持模糊、损坏、反转、彩色、打印问题、不完整的 1D / 2D 条码；30 万像素传感器，支付码识读景深可达 340 mm。

Reads blurred, damaged, inverted, coloured, poorly printed and truncated 1D/2D codes. The 300,000-pixel sensor gives a payment-code depth of field up to 340 mm.

04



顶部扫描窗 (Scan window)



背面接口 (Rear ports)

应用场景 Applications

餐饮、商超、酒店、政府、图书馆、便利店等收银与核验场景：扫码收款、NFC 刷卡支付、会员卡 / IC 卡核验、自助终端支付。

Ideal for catering, supermarkets, hotels, government counters, libraries and convenience stores: barcode payment collection, NFC card payment, membership / IC card verification and self-service terminal payments.

产品特点 Product Features

- **NFC + 扫码二合一**
NFC and barcode in one unit
- **100 ms 快速解码**
100 ms decode and transmit
- **语音播报支付结果**
Voice prompt for every result
- **USB 即插即用**
USB plug and play

- **读卡距离 0~6 cm**
Card reading distance 0-6 cm
- **50 cm/s 运动容差**
50 cm/s motion tolerance
- **6500 K 白光照明**
6500 K white LED illumination
- **支持难扫码 / 屏幕码**
Difficult codes and screen codes

扫码性能 / SCAN PERFORMANCE

图像传感器 Image sensor	640 × 480 CMOS @30fps (30 万像素 300k pixels)
光源 Light source	白光 LED (6500 K) White LED 6500 K
视角 Field of view	水平 53°, 垂直 41° Horizontal 53°, Vertical 41°
识读精度 Minimum resolution	1D ≥ 5 mil, 2D ≥ 10 mil
符号反差 Print contrast	≥ 20%
识读角度 Roll / Pitch / Yaw	旋转 360° / 倾斜 ±45° / 偏转 ±45°
运动容差 Motion tolerance	50 cm/s (支付码 payment code)
识读景深 Decode ranges	Code39 (5 mil): 0 ~ 30 mm EAN13 (13 mil): 0 ~ 130 mm Code128 (20 mil): 0 ~ 300 mm 微信支付码: 0 ~ 340 mm
二维码制 2-D 2-D symbologies	QR Code、PDF417、DataMatrix (ECC200)
一维码制 1-D 1-D symbologies	EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code11, MSI Plessey, RSS-14, RSS- Limited, RSS-Expanded

非接 / 物理 / 环境 / NFC & PHYSICAL & ENVIRONMENT

符合标准 NFC standards	ISO14443 TypeA / TypeB、M1
读卡距离 Card reading distance	0 ~ 6 cm
读卡功能 Card functions	读取扇区、读取块 Read sector, read block
输出格式 Output format	十进制正向 / 反向, 十六进制正向 / 反向 Decimal or hex, forward or reverse
通讯接口 Interfaces	USB VCP / USB HID-KBW (默认 default) / USB HID-POS
工作电压 Voltage	USB 5 V (±5%)
工作电流 Current	280 mA
外观尺寸 Dimensions	129.80 × 109.00 × 111.24 mm
重量 Weight	270 g
线长 Cable length	1.5 m
跌落 Drop	可承受 1.2 m 跌落至水泥地面 1.2 m drop onto concrete
震动 Vibration	5-200 Hz, 10 Grms, 3 axes, 1.5 Hr

安装与使用 / Installation & Usage

即插即用

Plug and Play

通过 USB 线直接连接收银机、电脑或自助终端即可工作，默认 USB HID-KBW 键盘输出，无需安装驱动；另可选 USB VCP 虚拟串口与 USB HID-POS 模式对接行业软件。

Connect it to a POS terminal, PC or kiosk with the USB cable and it works immediately - USB HID-KBW keyboard output by default, no driver needed. USB VCP and USB HID-POS modes are also available for industry software.

01

摆放与感应

Placement & Sensing

129.8 × 109 × 111.24 mm 紧凑机身、270 g，台面摆放稳固；主动感应触发，顾客把手机或卡片靠近即自动识读，扫码与 NFC 读卡无缝切换。

The compact 129.8 × 109 × 111.24 mm, 270 g body sits firmly on the counter. Active-sense triggering starts reading as soon as a phone or card approaches, switching seamlessly between barcode and NFC.

02

语音与照明

Voice & Lighting

内置语音播报支付结果，收银员无需盯屏；6500 K 白光 LED 照明适应暗光环境，强光或逆光柜台可选配专用扫码配置。

A built-in voice prompt announces the payment result so staff need not watch the screen. 6500 K white LED lighting handles low-light counters, with an optional configuration for strong light or backlight.

03

卡数据处理

Card Data Handling

支持读取扇区与数据块，输出可设置为十进制或十六进制的正向 / 反向格式，方便对接门禁、会员与考勤系统。

Supports sector and block reads with decimal or hexadecimal output in forward or reverse order, making it easy to integrate with access control, membership and attendance systems.

04

机身尺寸标注 Key Dimensions

项目 / Item	数值 / Value	说明 / Note
深度	129.80 mm	Depth
宽度	109.00 mm	Width
高度	111.24 mm	Height
重量	270 g	净重 Net weight
线长	1.5 m	USB 线 USB cable
接口	USB	VCP / HID-KBW / HID-POS

应用提示 Application Notes

① 适用于餐饮、商超、酒店、政府、图书馆、便利店等收银与核验场景；② 台面摆放，避免强光直射扫描窗；③ 支持模糊、损坏、反转、彩色及不完整条码，手机屏幕码无需背光；④ 规格如有更改恕不另行通知，完整技术规格书与集成文档可向我司索取。

① Suited to catering, retail, hotels, government counters, libraries and convenience stores. ② Place on a flat counter and avoid direct strong light on the scan window. ③ Reads blurred, damaged, inverted, coloured and truncated codes; screen codes need no backlight. ④ Specifications subject to change - ask us for the full specification and integration documents.