

# **lolly.** Technical Specification

## **LOLLY PROSERVE**

Cutting-edge technology for superior customer engagement.

- Stylish design for retail and hospitality
- Increase footfall



Cutting-edge technology for superior customer engagement.

The Lolly Proserve will catch the customer's eye, drawing them in and ensuring quick uptake and high usage rates.

The Lolly Proserve is versatile with all Lolly's peripheral choices and mounting options to best fit your business needs. An all-in-one device, the Lolly Proserve supports 2D imagers as well as integrated payment devices with full-on EMV with chip and PIN.

### **Model Lolly Proserve**

#### **System**

- Processor: Intel® Celeron® J1900, 2.0GHz
- Storage Device: 64GB SSD
- RAM: 4GB (8GB Max)
- POS Platform: Lolly Serve PoS
- OS Platform: Windows 10

#### **I/O Ports**

- Network: Gigabit LAN
- USB: USB
- Video: 1 x VGA, 1 x HDMI

#### **Display**

- Panel Specs: 27" LG A+ Original Panel (PCAP)
- Panel Type: TFT-LCD
- Panel Size: 597.888 x 336.312mm (WxH)
- Resolution: 1920 x 1080
- Contrast: 1000:1
- Touch Technology: Capacitive
- Working Voltage: DC 5v

#### **Printer**

- Printing Method: Epsom thermal printing
- Resolution: 576 dpi (8 dots/mm)
- Paper Width: 80mm
- Printing width: 72mm
- Interface: USB
- Working Voltage: 24v DC

#### **Scanner**

- Reading Mode: CMOS
- Reading accuracy: ≥8mil
- Lighting: LED (6000K) 90lux@ 100mm
- Luminous intensity: 265 LUX (130mm)
- Scanning angle: Omni direction Scan
- Scanning Speed: 30 times / 2
- Resolution: 640 x 480 px
- Feedback: Buzzer

#### **Environment**

- Size: 462 x 191 x 1812.9 (mm)
- Housing Build: Mild Steel front shell + galvanised mounting plate
- Product Weight: Kiosk 65 Kgs | Pole 15 Kgs



## POS Security

### Windows Version

Windows 10 Enterprise 2016 LTSB - Version 1607—32-bit

### Windows Update

Group Policy configured to schedule install of updates to appropriate quiet time slot to minimise disruption. Group Policy configured to disable automatic reboots of terminal to minimise disruption.

### Windows Desktop Access

Lolly POS is a full screen application that takes focus when open, hiding all Windows desktop and Start Menu functions." Group Policy configured to disable edge swipe functionality to prevent access to task tray controls. "Application functions for closing the application are located on a form that can have access control applied to it, e.g. only available to Manager level users."

### Windows Login

Local Windows user configured with secure password that is unique to customer. Lolly POS application configured to load automatically when Windows is booted/logged in.

### Applications

All non-essential applications will be uninstalled.

Windows Start Menu will be stripped to minimum functionality and non-essential shortcuts and links removed.

### Application Updates

Lolly POS is configured to automatically accept and install software updates upon general release.

Integrated PDQ systems will automatically accept and install software and configuration updates when pushed to them.

### Cyber Security

"Built-in Windows Security tools fully enabled and active for real-time monitoring, including virus and threat protection, account protection, firewall and network" "protection, app and browser control, and device security."

"Customer-provided security tools can be installed upon request, and appropriate exclusions and/or whitelist settings provided as required."

### Privacy

"Windows Privacy settings configured to 'Off' for permissions including (but not limited to) Location Services, Camera access, Mic access, Activity History,"

"Advertising ID, App tracking, Account Info, Documents Library, etc."

### Remote Access

"Where required, It's Lolly Ltd. will work with the customer to implement appropriate processes and tools to enable secure remote access to equipment for remote support purposes."

"It's Lolly Ltd uses TeamViewer as its preferred method of remote access for support purposes, if agreed with customer."

### External Devices

"Group Policy configured to disable Read, Write and Delete functions for removable disks, blocking the use of external USB drives."

### Back-ups

Lolly POS has the ability to store details of the application's Control Panel settings to the cloud based back office system to allow quick device replacement via restoration of these backups.

Transaction data is uploaded to the cloud servers immediately and no sensitive data is held locally to the terminal.

### Logging

Application generated log files are encrypted and require specialised software to open and view. "Windows logging, i.e. Event Viewer, is unrestricted and will log data as long as there is drive space to store it."

### Network Authentication

Wired LAN adapter supports 802.1x authentication via Windows built-in tools and Wired AutoConfig service.

Wireless network adapter supports 802.1x authentication via Windows built-in tools and WLAN AutoConfig service.