# Embedded software: Paperless lifter embedded software V3.045



### Description

The product uses intelligent control technology, takes the intelligent terminal as the application concept, and adopts an original rail design. It can automatically complete startup, LCD screen rising, tilting and other actions with one button operation. It has a beautiful appearance, saves space, and is very convenient to use. This product has the functions of anti-theft, dust-proof, and beautifying the desktop. It can be widely used in conferences, office hotels, teaching studios and other occasions to meet the needs of customers for diversified system expansion and office environment automation.

#### Feature

- \*The touch-sensitive ultra-thin high-definition display and lifter are designed in an integrated manner, with no exposed connecting wires, no connecting backplanes, and no exposed screws, ensuring that the lift display touch screen is overall beautiful and elegant.
- \*The equipment adopts an all-aluminum structure, high-quality aluminum and CNC engraving processing. The display frame and cabinet are all made of aluminum alloy, making the overall equipment exquisite, lightweight, beautiful and atmospheric.
- \*The thickness of the equipment panel is only 3mm, the width is only 70mm, and it occupies a small space. Compared with traditional lifts, it is lighter and takes up less space. The product weight is only one-third of the weight of conventional lifts, reducing transportation cost.
- \*The transmission structure is specially treated to minimize noise. The product transmission method uses high-quality tensile belts, highprecision slide rails and linear bearings, and AC reduction motors as driving power; the central control protocol has strong compatibility, compatible with all control hosts, control equipment after the rise, the screen is automatically powered, after the drop, the screen powered off by itself.
- \*15.6-inch ultra-thin LCD touch screen monitor with a resolution of 1920×1080P, the display effect is clear and bright, and the backlight design is adjustable to prevent fatigue caused by excessive brightness or darkness.
- \*It supports two signal inputs, HDMI and VGA. When there is only one signal input, the screen will automatically recognize the signal. When two signals are input at the same time, it can be manually switched through the panel buttons. When there is no signal input, the screen will automatically enter power-saving mode.
- \*The equipment can be centrally controlled through the central control software, and the host can be controlled through the RS232/RS485 protocol. One button raises or drops all the devices in the room.
- \*The built-in loop-through output power socket can supply power to the terminal and reduce terminal power socket wiring, making the project site wiring more tidy and beautiful.
- \*It has an anti-pinch function. When the middle panel is closed, the motor stops working after sensing finger contact through the limiter to avoid pinching fingers.
- \*The desktop panel has a USB interface and supports browsing files or uploading files through a USB flash drive.
- \*The paperless lift panel has a 2.4-inch touch LCD screen with a resolution of 240×320; by touching the LCD screen, the device can be controlled to rise, drop, pause, switch, turn on and off, and use conference service functions, including tea, pen, paper, and microphone, service personnel and other information.

# Embedded software: Paperless lifter embedded software V3.045

## Specification

TouchscreenSupport touchLift time285Elevation angle0-30°, completely in line with ergonomic principles, without blocking sightProduct dimension519.2×70×565mmPanel dimension519.2×70×565mmCabinet dimension502.4×59×562mmDesktop opening dimension502.4×59×562mmPanel sink dimension502.4×59×562mmDesktop opening dimension502.4×59×562mmBesktop opening dimension502.4×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~50°C, relative humidity ≤70%Screen size15.6°Screen ratio16:9Screen ratio1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brighness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption17W		
Elevation angle0-30°, completely in line with ergonomic principles, without blocking sightProduct dimension519.2×70×565mmPanel dimension519.2×70×3mmCabinet dimension502.4×59×562mmDesktop opening dimension504.4×61mm (recommend physical drilling)Panel sink dimension502.2×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6°Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor trickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Touchscreen	Support touch
Product dimension 519.2×70×565m   Panel dimension 519.2×70×3mm   Cabinet dimension 502.4×59×562mm   Desktop opening dimension 502.4×59×562mm   Desktop opening dimension 502.2×71×3mm (length×width×thickness) (physical drilling)   Panel sink dimension 520.2×71×3mm (length×width×thickness) (physical drilling is recommended)   Environmental conditions -10°C ~ 50°C, relative humidity ≤70%   Screen size 15.6°   Screen ratio 16:9   Screen Resolution 1920×1080   Display area 344×193mm   Video interface VGA,HDMI   Backlight type WLED, 15K hours, including LED driver   Contrast 800:1   Brightness 250cd/m²   Viewing angle 85/85/85/85(Typ.)   Monitor thickness 8mm   Monitor frame size 359.8×210.5×8mm   Power supply AC 220V 50-60/Hz   Total Weight 8.9kg   Standby power consumption 5W	Lift time	28S
Panel dimension519.2×70×3mmCabinet dimension502.4×59×562mmDesktop opening dimension504.4×61mm (recommend physical drilling)Panel sink dimension520.2×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6"Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/mtViewing angle85/85/85/(Typ.)Monitor trickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Elevation angle	0-30°, completely in line with ergonomic principles, without blocking sight
Cabinet dimension502.4×59×562mmDesktop opening dimension504.4×61mm (recommend physical drilling)Panel sink dimension520.2×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6"Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85/85(Typ.)Monitor thickness8mmPower supplyAC 220V 50-60/HzStandby power consumption5W	Product dimension	519.2×70×565mm
Desktop opening dimension504.4×61mm (recommend physical drilling)Panel sink dimension520.2×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6"Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Panel dimension	519.2×70×3mm
Panel sink dimension520.2×71×3mm (length×width×thickness) (physical drilling is recommended)Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6"Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Cabinet dimension	502.4×59×562mm
Environmental conditions-10°C ~ 50°C, relative humidity ≤70%Screen size15.6°Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85/(Typ.)Monitor thickness8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Desktop opening dimension	504.4×61mm (recommend physical drilling)
Screen size15.6"Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m*Viewing angle85/85/85(Typ.)Monitor thickness8mmPower supplyAC 220V 50-60/HzFotal Weight8.9kgStandby power consumption5W	Panel sink dimension	520.2×71×3mm (length×width×thickness) (physical drilling is recommended)
Screen ratio16:9Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Environmental conditions	-10°C ~ 50°C, relative humidity ≤70%
Screen Resolution1920×1080Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Screen size	15.6"
Display area344×193mmVideo interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Screen ratio	16:9
Video interfaceVGA,HDMIBacklight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Screen Resolution	1920×1080
Backlight typeWLED, 15K hours, including LED driverContrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Display area	344×193mm
Contrast800:1Brightness250cd/m²Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Video interface	VGA,HDMI
Brightness250cd/m²Brightness250cd/m²Viewing angle85/85/85/(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Backlight type	WLED, 15K hours, including LED driver
Viewing angle85/85/85(Typ.)Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Contrast	800:1
Monitor thickness8mmMonitor frame size359.8×210.5×8mmPower supplyAC 220V 50-60/HzTotal Weight8.9kgStandby power consumption5W	Brightness	250cd/m <sup>2</sup>
Monitor frame size 359.8×210.5×8mm   Power supply AC 220V 50-60/Hz   Total Weight 8.9kg   Standby power consumption 5W	Viewing angle	85/85/85(Typ.)
Power supply AC 220V 50-60/Hz   Total Weight 8.9kg   Standby power consumption 5W	Monitor thickness	8mm
Total Weight 8.9kg   Standby power consumption 5W	Monitor frame size	359.8×210.5×8mm
Standby power consumption 5W	Power supply	AC 220V 50-60/Hz
	Total Weight	8.9kg
Machine power consumption 17W	Standby power consumption	5W
	Machine power consumption	17W

#### 2.4-inch screen parameters

Screen size	2.4 inches, 36.7×49 mm (H×V)
Screen	Support touch
Secondary screen resolution	240×320
Secondary screen brightness	250 (Typ.)
Secondary screen working environment	Working temperature: -20 ~ 70°C; Storage temperature: -30 ~ 80°C

## **Product Dimension Drawing**

