

# star TSP-L10 Series

The World's "Best" Lottery Printer / Secure Transaction Printer with 100 Ticket Stacker



20cm Diameter Paper Roll



## SECURE

- ✧ Internal Scanner for real-time ticket verification or complete / partial journal
- ✧ Reverse mech "VOID" print (factory option)
- ✧ Power / paper feed switch disable command

## RELIABLE

- ✧ Internal ticket verification
- ✧ Printer 60 million lines MCBF
- ✧ Autocutter 2 million cuts
- ✧ Print head dot check
- ✧ Cutter damage prevention
- ✧ Easy cutter access

## QUALITY

- ✧ Greyscale - 16 shades
- ✧ 203 x 203 dpi
- ✧ Print Density Monochrome 6 levels
- ✧ Greyscale 8 levels
- ✧ Star manufacturing quality

## TRANSACTION PRINTING

- ✧ Compact design with Easyload 200 mm diameter paper roll
- ✧ Print speed up to 300 mm / sec.
- ✧ Dual Interface USB & Ethernet
- ✧ USB Host Port
- ✧ Ticket stacker for up to 100 printed receipts/tickets



www.Star-EMEA.com

From the US to sunny South Africa, Star Micronics has been proudly supplying thousands of printing solutions for the world's largest lottery systems for more than 2 decades. This experience has led to the production of the world's best lottery printer to date.

### TSP-L10 Series Printer Models

**TSP-L10 UE-24 GR** 24V DC Grey  
USB/Ethernet without internal Ticket Scanner

**TSP-L11 UE-24 GR** 24V DC Grey  
USB/Ethernet with internal Ticket Scanner

NB: Factory option "VOID" Mechanism rewind

**STAR Graphic Mode emulation** controlled by Custom Star API (Application Programmer Interface). Star Mode version to follow (Date TBC)

### OEM Modular Design Flexibility

The TSP-L10 has been built specifically for OEMs / system integrators who require a level of hardware flexibility for the addition of other devices such as RFID readers using the TSP-L10's USB Host port

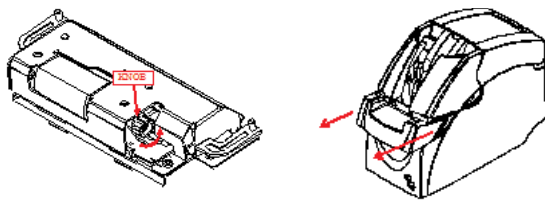
**Full Image Internal Ticket Scanner** with host terminal barcode decoding of all types of barcode.  
**Colour** Monochrome **Resolution** 200dpi  
**Greyscale** 256 grades **Scan width** 84mm 672 dot  
**Control command** see TSP-L10 command specs

### Star Reliability

**Head Dot Check** detects & reports missing dot to host if set-up (see TSP-L10 Command Specs)  
**Cutter Damage Prevention** The printer's lid cannot be opened during cutter operation  
**Easy Cutter Access** with paper feed knob  
**Status Back Command Set** for no received data; recoverable / non-recoverable; sensor condition etc.

## TSP-L10 Series Secure Transaction Printers

<b>Printer Method</b>	Direct Thermal Line Printing
<b>Print Speed Throughput</b> (non scanner model)	up to 300mm/second 100 tickets / 120 seconds (150mm ticket)
<b>Print Quality Greyscale</b>	203 x 203 dpi (640 dots per line) 16 shades of grey
<b>Print Density Missing Dot Detection</b>	Monochrome - 6 levels Greyscale - 8 levels Supported with Host status command response
<b>Emulation</b>	Star Graphic Mode (controlled by Star API) Star Mode model to follow (end 2012 TBC)
<b>Connectivity Interface</b> <b>USB Host Port</b> <b>Peripheral Drive Circuit</b>	Dual Port - 2.0 High speed USB & Ethernet Standard 2 Output 1 Input (RJ-11)
<b>Scanner CIS type</b>	Factory option set: scanner unit, hold roller unit, scanner controllable PCB
<b>Paper Width</b> (Print width)	82.5mm (max.80mm centre 1.25mm margins)
<b>Thickness</b>	0.075 - 0.09mm
<b>Roll Diameter</b>	200mm
<b>Paper Loading</b>	"Drop-In & Print" Easy Load
<b>Sensors</b>	Cover Open; Black mark; Paper End; Head Thermistor; PCB Thermistor 4 positions
<b>Driver Utility</b>	Linux Support OS; SDK supported; Linux Star IO & QT library
<b>Top Margin</b>	11mm default / 3mm selectable
<b>Power Supply</b>	24 V Star PS60A-24 option
<b>Dimensions</b> (w x d x h) mm	165 x 343 x 276mm 4.4Kg with scanner incorporating 200mm diameter paper roll
<b>Reliability</b>	Printer MCBF 60 million lines Head 100km Autocutter (guillotine full cut) 2 million lines



**Ticket Stacker** for 50 - 300mm long output.  
50 - 200mm long - holds up to 100 tickets  
200 - 300mm long - holds 30 tickets plus



TSPL10UK 2/12 II



**Internal Ticket Scanner with reverse mechanism for immediate "VOID" function**



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