



## ▶ The Star TCP400

### Thermal Visual Card Reader/Re-Writer System

A reliable, low cost 760 micron card "instantly" re-writable card printing system.

Star Technology that's changing the face of the Card World.

LOYALTY • SECURITY ACCESS • MEMBERSHIP • VISITOR MANAGEMENT



## ► The TCP400 – the next Generation

Introducing the latest generation of Visual Card Reader/ Writer systems from Star Micronics. The TCP400 is a “thermochromic” visual and magnetic card reader/writer which can be used to erase and re-write/print up-to-date information, loyalty points and special promotions on an Industry standard 760 micron Leuco card. The unique dual pass head can provide clear text at 30 mm/second with a second lower, high quality output speed for barcodes, photographic reproduction or other high quality graphics output.

The TCP400 is a compact and streamlined unit that will fit into any environment and is simple to operate. The card is simply inserted into the front of the unit and is updated and automatically ejected in as little as 4 seconds.



## ► “Instant” Communication with your Customers, Clients or Employees

Just as the “paperless” office has never been realised, the market is now aware just how profitable the printed word is with regards to loyalty.

Users can now “see” their progress and just why they should remain loyal. However, the benefits do not end there – this card is just as valuable as an electronic wallet. Cruise liner operators are fully aware how much more people spend when cash is not involved.



- Standard 760 micron cards can be re-written up to 500 times in just 4 seconds, producing high quality text and graphics including barcodes and photos
- ISO standard 3 track magnetic stripe on back of card
- Clamshell™ Type design for easy maintenance with automatic indicators to warn customers of optimum time to run head cleaning cycle
- Compact design 119 (W) x 270 (D) x 132.5 (H) mm (weight 2.5Kg)
- Mechanism version available with rear card access allowing connection to an optional 300 card hopper or for installation into a “process” system where the TCM400 is the last element



▲ Dual interface as standard (USB 2.0 and RS232C serial) with user installable low cost Ethernet option.

### SPECIFICATIONS

<b>TCP400 Card</b>	Leuco based Technology
Card Thickness / Size	0.68 ~ 0.84 mm; 85.6 x 54 mm
Card Display Re-Write Speed	30mm / second
High Quality Print Mode	Dual pass process for security photographs etc.
Re-Writable Card Display Area	40 x 66.8mm (width x depth) / 552 x 320 dots (one side)
Print Type	Alphanumeric, Chinese characters (GB, Big5)
Print Resolution / Dot Pitch	203 dpi / Vertical: 0.125mm; Horizontal: 0.121mm
Card Life	500 insertions (300 insertions with barcode use)
<b>TCP400 Reader / Writer</b>	
Card Feed Speed	up to 300mm/second with two quality modes
Dual Interface	USB 2.0 & RS232C serial as standard with Ethernet option
Magnetic Stripe Read / Write	1 Track or 3 Tracks; JIS2 / ISO
System Reliability	300,000 Card Pass under normal conditions
Print Head / Eraser Life	100,000 re-writes
Operating Conditions	5 to 35°C, 20 ~ 80% RH (w/o condensation)
Storage Conditions	-30 to 65°C, 20 ~ 90% RH (w/o condensation)
Dimensions / Weight	119 (W) x 270 (D) x 132.5 (H) mm / approx. 2.5Kg

Please note specifications may be subject to change.

March 2006

For further information on the TCP400, please contact Star Micronics Europe, Star House, Peregrine Business Park, Gomm Road, High Wycombe, HP13 7DL, UK Tel: +44 (0)1494 471111



www.StarMicronicsEurope.com