

# TRITON 80

Thermal printer mechanisms

ALL-IN-ONE

**PRINTER, Cutter & Controller Board  
included into the smallest footprint available**



## Overall Performance

With over 25 years of printing technology experience, AXIOHM TXCOM presents the TRITON 80 Printer series based on the proven MGTA series including a state of the art controller board providing the smallest all-in-one printing solution on the market.

The TRITON 80 Printer mechanism is designed to provide outstanding features:

- Ultra-silent top printing speed up to 250 mm/s
- Long life auto-cutter (1,5 Million cuts) with both full and partial cuts
- Can be powered by both 12 or 24V
- USB 2.0 and RS232 interface connections

The TRITON 80 is available with a clamshell and autoload paper paths.

## Compact and easy to integrate

With a frame molded closely around the printhead and the miniaturized controller board, the TRITON 80 Printer series has the crucial advantage of being extremely compact thus providing maximum flexibility in the integration process. Design integration with the TRITON 80 is simplified as it is no longer necessary to position an external controller board saving valuable engineering work and time.

## Applications

With a robust and reliable design, the TRITON 80 is particularly adapted to all harsh environments and applications such as: ATM (Automatic Teller Machines), Gas Pumps, Information Kiosks, POS (Point of Sale), Transportation and Vending Machines.



# TRITON 80

Thermal printer mechanisms



| Characteristics                   | Unit           | 12 Volt  | 24 Volt   |
|-----------------------------------|----------------|--|---|
| Print Speed                       | mm/s           | 150  | 250   |
| Paper Width                       | mm             | 60   | 60  |
| Print Width                       | mm             | 56   | 56  |
| Resolution                        | Dots/mm<br>DPI | 8<br>203   | 8<br>203  |
| Number of Dots                    | dot            | 448  | 448   |
| Paper Thickness                   | µm             | 60 to 190  | 60 to 190   |
| Operating Voltage Range           | V              | 12   | 24  |
| Mechanism Reliability             | Km             | > of 100   | > of 100  |
| Dimensions (W*D*H)                | mm             | 74,5*65,75*42,1  | 74,5*65,75*42,1   |
| Dimensions without cutter (W*D*H) | mm             | 74,5*61*32   | 74,5*61*32  |
| Cutter                            |                | RM : auto cutter<br>(full & partial cuts)  | RM : auto cutter<br>(full & partial cuts)   |
| Cutter Reliability                | °C/F           | 1.5 Million cuts   | 1.5 Million cuts  |
| Operating Temperature             | %RH            | -20 to 60°C / -4 to 140 °F   | -20 to 60°C / -4 to 140 °F  |
| Operating Humidity                |                | 20 to 85   | 20 to 85  |
| Interface                         | Kbytes         | RS232 & USB  | RS232 & USB   |
| Command Set                       |                | Compatible ESC/POS TM  | Compatible ESC/POS TM   |
| User Flash Memory                 |                | 192  | 192   |
| Sensors                           |                | End of Paper   | End of Paper  |
| Human Interface                   |                | Paper Feed and Reset buttons<br>LED indicator  | Paper Feed and Reset buttons<br>LED indicator   |
| OPTIONS                           |                | 2 paper path entrances<br>Paper Low sensor input<br>Jam free paper detection<br>Power and interface cables | 2 paper path entrances<br>Paper Low sensor input<br>Jam free paper detection<br>Power and interface cable |
| DRIVERS                           |                | Windows TM XP / VISTA / Seven / Eight /<br>CE – LINUX  | Windows TM XP / VISTA / Seven / Eight /<br>CE – LINUX   |
| Firmware Features                 |                | Compatible EASYFONT™<br>Paper Low Management<br>Top of form Management                                     | Compatible EASYFONT™<br>Paper Low Management<br>Top of form Management                                    |
| Bar Code Printing                 |                | 1D and 2D  | 1D and 2D   |

## The Axiohm expertise

More than 30 years of innovations for you



### Quality

100 % of our printers are fully tested at the end of the production line. Our Return rate is below the industry standard : 0,3%



### Customization

Part of our DNA, Axiohm continues to support your project at every integration stage with specific proposals. Do not hesitate to contact us.



### Delivery

Our factory and procurement department are doing their best to secure your shipment schedule. Reality speaks for itself, our service rate for 2018 is 97,6% !

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