

MGTA

Thermal printer mechanism
80 / 82.5 mm



A fast & durable printing mechanism suitable for all applications, including yours



• Simplify the integration process

Built around a robust guillotine auto cutter, the MGTA 80/82.5 mm mechanism features an easy-opening lever option that will, without a doubt, facilitate the design process. Equipped with the famous Axiohm Clamshell™ system, which revolutionized paper loading, MGTA is a self-contained printing module that is easy to integrate into any level of OEM design.

• Perfect for any type of applications ...

Axiohm's MGTA printer mechanism features a jam-free and silent guillotine auto cutter that offers both full and partial cuts and is top-of-the-line in longevity -it is guaranteed for 1 million cuts! Accommodating a large paper roll, the mechanism offers high autonomy. The fastest printer in its class (180 mm/s), silent, reliable and long-lasting (mechanical life of 100Km), Axiohm's MGTA mechanism offers tremendous advantages that fit a wide range of applications. . .

• ... even the most demanding ones

If you are looking for a high-speed thermal printer mechanism that does it all, look no further: Axiohm's MGTA mechanism not only satisfies the most common applications but provides the solution for the most demanding ones. Able to withstand extreme climatic conditions (-20°C to +60°C), the MGTA is the perfect choice for outdoor applications such as ATMs. Thanks to its robust guillotine cutter, the mechanism responds to the demand for printing on thick paper (up to 120µm), often used in transportation applications. Available in both 80 and 82.5 mm paper widths and capable of enduring high peaks in printing demand, the printer mechanism also meets the standards of both POS receipts and lottery/gaming ticketing applications.



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Characteristics	Unit	MGTA
Printing Speed (max)	mm/s	180
Paper Width	mm	80 / 82,5
Printing Width	mm	72 / 80
Resolution	dot/mm	8
Number of Dots		640
Paper Thickness	µm	Up to 120 µm
Paper loading	---	Clamshell™ or Auto loading
Operating Voltage Range - logic - dot	VDC	5 (+/- 5%) 24 (+/- 10%)
Head Pulse Life	pulse	1*10 ⁸
Mechanical Life	km	100
Dimensions (W*D*H)	mm	112.75*66.4*41.7
Weight	g	370
Operating Temperature	°C/F	-20 to 60 / -4 to 140
Cutter	---	Guillotine auto cutter with full and partial cut
Cutter Life	Cuts	1 Million cuts
Compatible Board	---	Compact Board II
Sensors	---	Door open, paper out
Options	---	Easy opening lever

Other AXIOHM's products



Thermal Printers

Axiohm's thermal printers are based upon the most advanced technology in thermal printing, delivering sharp, clear print with high speed, low noise and outstanding reliability. Our thermal printer line offers state-of-the-art capabilities, numerous interfaces, drivers, accessories and are all Clamshell™ designed.



Turnkey Printing Solutions

Axiohm's kiosk printers are primarily designed for unattended self service terminals but can be used for almost any printing application that requires an easy-to-integrate 'plug&play' printer.



Controller Boards

Axiohm offers an extensive range of controller boards with embedded firmware to manage its full line of thermal printer mechanisms. The controller boards' features have been designed to meet your needs in terms of functionality and competitiveness.

France (for EMEA, South America, Asia/Pacific)
1, rue d'Arcueil - BP 820
92542 Montrouge Cedex - FRANCE
Tel: +33 1 58 07 17 17 Fax: +33 1 58 07 17 18 info@axiohm.com

USA
455 Wards Corner Road
Suite 500 Loveland, OH 45140 - USA
Tel: +1 (513) 248-9900 Fax: +1 (513) 248-8274 namsales@axiohm.com