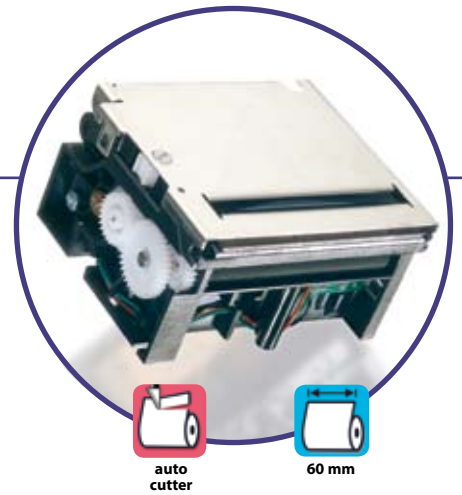


CM/RM Series

Premium Version now available

Thermal printer mechanisms
60 mm



The proven choice for a heavy duty & reliable printer that will last for years



● Overall Performance

With years of printing technology experience, Axiohm presents a Premium version of the long time customer favorite CM/RM Series that offers even more outstanding features: ultra silent, top printing speed up to 250 mm/s, long life auto cutter (1 Million cuts) with both full and partial cuts, optimized printing quality (resolution of 8 dots/mm). With its newly extended 56 mm printing width, the Premium version of this 60 mm mechanism was designed to maximize printing space, making it a cost effective and paper saving solution.

● Robustness and Versatility

Commonly used in transportation, where harsh operating conditions apply, the CM/RM series has proven its robustness through out the years. Based on enhanced technologies, the newly launched Premium version of the mechanism features top of the range reliability with a mechanical life expectancy up to 100 km. Available in both 12V & 24V versions, the CM/RM is suitable for a variety of applications. A version of the series is even dedicated to printing on thick paper (up to 190µm): The perfect match for pre-paid phone cards, loyalty cards, contactless / RFID cards printing.

● Compact and easy to integrate

With a frame moulded close around the printhead, the CM/RM series has the crucial advantage of being compact, providing maximum flexibility in the integration process. Designed with a single flex connection for plug and play, the RM version features an incorporated reliable cutter into the flat hinged cover. It is therefore an excellent solution for wall embedded applications, saving valuable engineering work and time.



CM/RM Series

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Thermal printer mechanisms - 60 mm

Characteristics	Unit	Standard Version		Premium Version	
		CM / RM 12 Volt	CM / RM 24 Volt	CM / RM Premium 12 Volt	CM / RM Premium 24 Volt
Printing Speed (max)	mm/s	75	90	150	250
Paper Width	mm	60	60	60	60
Printing Width	mm	48	48	56	56
Resolution	dot/mm	8	8	8	8
Number of Dots		384	384	448	448
Paper Thickness	µm	RM: 60 to 80 CM: 60 to 190	RM: 60 to 80 CM: 60 to 190	RM: 60 to 80 CM: 60 to 190	RM: 60 to 80 CM: 60 to 190
Paper loading	---	Auto loading (front or bottom loading)	Auto loading (front or bottom loading)	Auto loading	Auto loading
Operating Voltage Range	VDC	10 - 15.2	20 - 26.4	10-15.2	20-26.4
Head Pulse Life	pulse	1*10 ⁸	1*10 ⁸	1*10 ⁹	1*10 ⁹
Mechanical Reliability	km	50	50	100	100
Dimensions with cutter (W*D*H)	mm	74.5*65.75*42.1	74.5*65.75*42.1	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	74.5*61*32	74.5*61*32
Weight with cutter	g	250	250	250	250
Weight without cutter		140	140	140	140
Operating Temperature	°C/F	0 to 50 / 32 to 122	0 to 50 / 32 to 122	-20 to 60 / -4 to 140	-20 to 60 / -4 to 140
Operating Humidity	% RH	20 to 85	20 to 85	20 to 85	20 to 85
Cutter	---	RM: auto cutter (full & partial cuts) CM: optional tear bar	RM: auto cutter (full & partial cuts) CM: optional tear bar	RM: auto cutter (full & partial cuts) CM: optional tear bar	RM: auto cutter (full & partial cuts) CM: optional tear bar
Cutter Life	Cuts	RM : 1 Million cuts with 60 g paper	RM : 1 Million cuts with 60 g paper	RM : 1 Million cuts with 60 g paper	RM : 1 Million cuts with 60 g paper
Compatible Board	---	Compact Board Minicont Para Chipset available	Compact Board Minicont Para Chipset available	Compact Board II	Compact Board II
Added Features	---	Can print on flexible cards up to 190 µm	Can print on flexible cards up to 190 µm	Can print on flexible cards up to 190 µm	Can print on flexible cards up to 190 µm
Sensors		End of paper	End of paper	End of paper	End of paper
Options		2 paper path entrances	2 paper path entrances	2 paper path entrances	2 paper path entrances

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.

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