

MIONIX CASTOR

- **Right-hand ergonomic design** with ring- and pinky-finger groove - perfect for all grip styles
- **4-layers rubber coating and optimized textured side rubbers** for maximum grip and soft touch feel
- **Zero-Acceleration optical gaming sensor** delivering 100% accuracy and 1:1 tracking with up to 10000DPI



Crafted.Comfort.



Product Name Origin

Castor is the second brightest star in the constellation Gemini and one of the brightest stars in the night sky. In Greek and Roman mythology Castor and Pollux were twin brothers, together known as the Dioscuri. The Dioscuri were regarded as helpers of humankind. Their role as horsemen and boxers also led to them being regarded as the patrons of athletes and athletic contests. They characteristically intervened at the moment of crisis, aiding those who honored or trusted them.

Product Description

The CASTOR is a premium 6 button multi-color optical right-handed ergonomic gaming mouse. The unique shape has been developed to be used by right-handed gamers, and to equally support palm, claw and fingertip-grip. The mouse has a dedicated pinky- and ring-finger support-groove which makes it most comfortable to hold and lift.

The PMW-3310 gaming grade optical sensor has no positive or negative hardware acceleration, amazing accuracy, smooth tracking, and a maximum speed of more than 5.45m/sec (215 IPS) all the way up to 10000DPI. It is the choice of the world's top pro-gamers and widely considered as the best gaming sensor currently available.

The new lift-off distance (LOD) Calibration feature combines the Surface Quality Analyzer Tool (S.Q.A.T.™) with adjustment of the lift-off height to find the lowest possible LOD with optimized tracking. The lightning fast 32bit ARM™ processor enables the mouse to have numerous gaming features without compromising on the tracking of the sensor. The downloadable software provides access to fully customize all buttons, sensor settings, LED colors, macros and profiles.

Grip style: Palm, claw and fingertip-grip

Product Features

• Five fingers, one home

Right-hand ergonomics with ring- and pinky-finger groove to comfortably place all five fingers on the mouse.

• Maximum grip

4 layers of rubber coating and the optimized textured side rubbers ensure maximum grip and soft touch feel.

• Lightning fast processor

The 32bit ARM Processor running at 32Mhz is the powerful engine to power it all and ensure trouble free and quick setting changes in-game.

• 128kb built-in memory

Bring your settings and recorded macros with you stored into up to different 5 profiles.

• Zero- Acceleration Sensor with up to 10000DPI

1:1 Tracking, no positive or negative hardware acceleration.

• In-game 3 step DPI adjustment

Set 3 DPI values and switch easily between them in-game.



MIONIX CASTOR



- **6 fully programmable buttons**
The buttons can be assigned to any key, mouse command or macro.
- **In-game profile switch**
Switch easily between stored profiles in-game.
- **Adjustable polling rate**
Tune it all the way up to 1000Hz and up to 1ms response time
- **Mionix AURORA Lighting**
Personalize your mouse with up to 16.8 Million color options.
- **Stunning Lighting effects**
Solid, Blinking, Pulsating and Breathing effects running single color or color shift.
- **S.Q.A.T™ – Surface Quality Analyzer Tool**
Surface Quality Analyzer Tool measures tracking quality of your gaming surface.

Technical Specification

Shape	Right handed truly ergonomic design, supporting palm, claw and fingertip grip
Mouse surface	Grip friendly softtouch rubber coating (4 layers)
Number of Buttons	6 fully programmable buttons
DPI Adjustment	3 steps in-game DPI adjustment
LEDs	2 integrated LEDs in 2 color zones (logo and scroll wheel)
LED color options	Up to 16.8 Million color options
Lighting effects	Color shift, Solid, Blinking, Pulsating and Breathing
On-Board memory	128 kb built-in memory
Processor	32bit ARM Processor running at 32Mhz
Mouse feet	Large black PTFE feet
USB Connection	Gold Plated, Full speed USB 2.0 with Plug and Play
Cable	2m long PVC cable with cable reinforcer
Weight w/o cable	93.8g
Weight incl. cable	141.5g
Dimensions	122,46x70,42x40,16 mm / 4,82 x 2,77 x 1,58 inch
Pooling rate	Adjustable in four steps up to 1000Hz and 1ms response time (125/250/500/1000Hz)
Left and right micro switch (life cycle)	OMRON D2FC-F-7N (20 million life cycle)
Scroll wheel switch (life cycle)	3 million TTC
Side button micro switch (life cycle)	3 million TTC
Top button/DPI button (life cycle)	L/R:20 million; DPI:3 million
Encoder (life cycle)	0.3 million
SMD RGBs (Life time)	60 Thousand hours
Upgradeable firmware	Yes

Sensor Specification

Sensor Name	PMW-3310
Sensor Type	Gaming grade IR-LED optical sensor
Lens	ADNS-2120
Max DPI	10000DPI
Min DPI	50DPI
Frame rate	6500 fps
Max. Tracking speed	5.45 m/sec (215 IPS)
Max acceleration	30 G
Hardware acceleration	No positive or negative



MCU Specification

MCU name	STM32L100RBT6
Core/Processor:	32-bit ARM Cortex M3 CPU
Max. CPU Frequency	32 MHz
Built-in memory	128 kb

Warranty

MIONIX warrant the original purchaser that your MIONIX product shall be free from defects in material and workmanship for a period of;

EU 2 years

Rest of world 1 year

Warranty for MIONIX products only covers defects caused by material or manufacturing. The warranty does not cover defects caused by any kind of usage that is not attributed to the manufacturing process. The warranty period starts from the day of original purchase. MIONIX obligations are limited to repair or, at its own discretion, replacement of the product or the defective part.

Packaging Content:

MIONIX CASTOR

MIONIX Logo Sticker

MIONIX Quick Start Guide

Packaging Details

	Masterbox	Single Unit
Weight	7.7 kg	316 g
Dimensions	44.5x39.5x23 cm	19x9.8x7 cm
Contents	24 pcs	1 pc
Art. No.	-	CASTOR
EAN	-	7350041900009
UPC	-	851260002002

Compliance

This product is FCC, CE, C-Tick, VCCI, KCC and RoHS compliant.

URL

<http://mionix.net/mice/castor/> (once launched)