MIL-Grade Rugged Mouse
IQ-RM-200

OLMEC
ADVANCED MATERIALS

Introduction:

The Olmec **IQ-RM-200** is a fully rugged, IP68 sealed waterproof, 5-keys optical mouse. The mouse comes with the durable coating & antimicrobial surface to resists the impact of most of the chemicals and liquids under harsh environment usage. The mouse is full sized and features a 5-buttons design for right & left clicking and scrolling up & down just like a conventional non-waterproof mouse. It is a fully sealed IP68 and compatible with both USB and PS/2.

Key Features:

❖ Optical IP68 mouse, 800DPI resolutions.
❖ No raised or recessed surfaces.
❖ Suitable for moist and dusty environments.
❖ Three extra buttons for effortless scroll up, scroll down & scroll lock.
❖ Excellent soft-touch tactile key response.
❖ Special Dura-coating for excellent mechanical and chemical resistance.

Specifications:

MECHANICAL DATA	
Actuator/Keys	5 keys
Gross Weight	0.3KG
Dimensions	64.0mm x 126.0mm 35.0mm (L x W x H)
Colour	White, Black
ELECTRICAL DATA	
Supply Voltage	DC +5V ±5%
Current Rating	30mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Interface	PS2, USB available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks and Android.
ENVIRONMENT	
Operating Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Operating RH	30-90%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40°C	21 days, IEC 60512-6
Dry heat test at +85°C	10 days, IEC 60512-6
RELIABILITY	
Compliance	RoHS, CE and FCC, MIL-STD-810F, MIL-STD-461G (optional).
Protection Level	IP68
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min