

Product Brief

10Gb M Pro series

The Pro series high-speed cameras feature a compact and lightweight design with a weight of only 800 g. It supports 10 Gigabit Ethernet high-speed transmission for improved data export efficiency.



Key Features

Customizable non-volatile memory
2 TB

Button easy for HDMI, battery, control

Offline operation

Lightweight design for easy integration

800 g

10Gbps

10 Bit

Auto EDR



Auto exposure & Double Exposure



Mechanical shutter



IP64 protection standard



Motorized Lens



200G sine wave 7ms 3-axes



-40°~70°C
Customizable wide temperature range



WIFI



7.5Grms 15min 3-axes



1080P@50fps
Video output

EMC EMC protection

100 ns

Min. exposure time

Intelligent Trigger Capture

Product Parameters

Key parameters

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Sensor	CMOS	CMOS	CMOS	CMOS
Resolution	1920×1080	1920×1080	1920×1080	1280×860
Frame	3200 fps	2200 fps	1200 fps	4000 fps
Shutter	Global shutter	Global shutter	Global shutter	Global shutter
Min. exposure time	100 ns	100 ns	100 ns	100 ns
AE	Available	Available	Available	Available
EDR	Available	Available	Available	Available

Connectivity & Signaling

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Record button	Available	Available	Available	Available
Data interface	10 Gb/ Gb Ethernet	10 Gb/ Gb Ethernet	10 Gb/ Gb Ethernet	10 Gb/ Gb Ethernet
Video interface	3G-SDI,HDMI	3G-SDI,HDMI	3G-SDI,HDMI	3G-SDI,HDMI
Sync Input Interface	3.3/5V TTL	3.3/5V TTL	3.3/5V TTL	3.3/5V TTL
Sync Output Interface	5V TTL	5V TTL	5V TTL	5V TTL
Timing	IRIG B/GPI	IRIG B/GPI	IRIG B/GPI	IRIG B/GPI
Control interface	RS-422	RS-422	RS-422	RS-422

Memory

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Flash Storage	128GB/256GB/512GB /1TB/2TB	128GB/256GB/512GB /1TB/2TB	128GB/256GB/512GB /1TB/2TB	128GB/256GB/512GB /1TB/2TB

Mechanical Specifications

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Lens	EF standard,F optional,C optional	EF standard,F optional,C optional	EF standard,F optional,C optional	EF standard,F optional,C optional
Size W×H×D	75×75×90 mm	75×75×90 mm	75×75×90 mm	75×75×90 mm
Weight	800 g	800 g	800 g	800 g
Mounting hole	Top Bottom with 1/4 threaded mounting holes	Top Bottom with 1/4 threaded mounting holes	Top Bottom with 1/4 threaded mounting holes	Top Bottom with 1/4 threaded mounting holes
Cooling	Fans	Fans	Fans	Fans

Electrical Specifications

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Electricity supply	9~32VDC	9~32VDC	9~32VDC	9~32VDC
Power wastage	≤ 40 W	≤ 40 W	≤ 40 W	≤ 40 W

Environmental Specifications

SKU	M230M/C Pro	M220M/C Pro	M210M/C Pro	M136M/C Pro
Operating temperature	-20~50° C, -40~70° C optional	-20~50° C, -40~70° C optional	-20~50° C, -40~70° C optional	-20~50° C, -40~70° C optional
Operating humidity	0 至 95%	0 至 95%	0 至 95%	0 至 95%
Protection level	IP64	IP64	IP64	IP64
Shock	30G Max 200G backward peak wave @7mSec 3 axe	30G Max 200G backward peak wave @7mSec 3 axe	30G Max 200G backward peak wave @7mSec 3 axe	30G Max 200G backward peak wave @7mSec 3 axe
Vibration	7.5Grms 15min/3 axes	7.5Grms 15min/3 axes	7.5Grms 15min/3 axes	7.5Grms 15min/3 axes
EMC	Available	Available	Available	Available