Λ-Vibro（VM-8018/VM-8018-UT）

IMV CORPORATION

Item	VM-8018	VM-8018-UT
Analog channel	8Ch（Maximum ± 15 V）	
Sampling resolution	16 Bit（Serial type）	
Sampling frequency	400 Hz – 51.2 kHz（Supports simultaneous sampling）	
Connected sensor	VP-100M, VP-8021C, VP-8013	
ICP output current	3.5 mA / 24 V	
Trigger channel	1 ch（ input）Maximum 24 V	
Channel terminal shape	HD-BNC (MicroBNC)	
Function port	USB2.0 typeB（ Host mode） Wired LAN (file sharing)	
Wireless connectivity	WLAN 802.11 b/g/n (file sharing)	
Installed OS	Windows®10 IoT Core	Linux4.14.96 (linaro-alip)
LED display	red green, orange blue（2LED）	
Power supply	AC100 – 240 V（AC adapter）	
Size/Mass	63 (H) × 250 (W) × 210 (D) mm/2.5 kg (excluding connectors etc.)	
Operating temperature range	-10 – 50℃	
Storage capacity	32GB (standard)，64GB (option)，128GB (option)	32GB

Measurement specifications

Item	VM-8018	VM-8018-UT
Measurement object	Acceleration: m/s², gal, G Velocity (calculated value)： mm/s Displacement (calculated value): μm Voltage: V, mV, μV	Acceleration: m/s², gal, G Velocity (calculated value)： mm/s Displacement (calculated value): μm Voltage: V, mV
Sampling rate	51200sps, 25600sps, 12800sps, 10240sps, 6400sps, 5120sps, 3200sps, 2560sps, 2048sps, 1600sps, 1280sps, 1024sps, 800sps, 640sps, 512sps, 400sps	
Voltage range	±2.56 V, ±5.12 V, ±10.24 V, ±20.48 V（Measurement range is ±15V.）	
Measurement time	0.1 s – 40.9 s	0.1 s – 20.0 s
Trigger	Measurement start by external trigger and reserved trigger	