

# RIEGL MOBILE MAPPING SYSTEMS

CHOOSE THE SYSTEM THAT PERFECTLY MEETS YOUR REQUIREMENTS  
TO SATISFY YOUR CLIENTS' TASKS!

ENHANCED  
PERFORMANCE



150 scan lines/sec  
300 kHz eff.  
meas. rate

up to 4 cameras  
including  
spherical camera

typ. point density  
550 points/m<sup>2</sup>  
on pavement  
surface @ 80 km/h

ENHANCED  
PERFORMANCE



300 scan lines/sec  
600 kHz eff.  
meas. rate

up to 4 cameras  
including  
spherical camera

typ. point density  
1,100 points/m<sup>2</sup>  
on pavement  
surface @ 80 km/h



250 scan lines/sec  
1.8 MHz eff.  
meas. rate

up to 4 cameras  
including  
spherical camera

multiple swivel  
positions for  
improved scan  
pattern in multi-  
pass applications

typ. point density  
3,200 points/m<sup>2</sup>  
on pavement  
surface @ 80 km/h



500 scan lines/sec  
3.6 MHz eff.  
meas. rate

up to 9 cameras  
including  
spherical camera  
and up to 2 high-  
speed pavement  
cameras

simultaneous  
capturing of  
spherical and  
directional  
imagery with a  
total resolution of  
up to 1370 MP/sec

typ. point density  
6,400 points/m<sup>2</sup>  
on pavement  
surface @ 80 km/h

VMY-1

VMY-2

VMQ-1HA

VMX-2HA

**A broad system portfolio serving all levels of applications:**

transportation infrastructure mapping, city modeling, GIS mapping & asset management, road surface management, open-pit mine surveying, rapid capture of construction sites and bulk material, HD mapping for autonomous vehicles



RIEGL Mobile Mapping Systems  
[www.riegl.com](http://www.riegl.com)

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