

Virtual Sensors	Physical Sensors								
	accelerometer	gyroscope	magnetometer	pressure	ambient light	humidity	proximity	temperature	HRM
Raw accelerometer	X								
Acceleration	X								
Linear acceleration	X								
Gravity	X								
Raw gyroscope		X							
Gyroscope calibrated	X	X							
Gyroscope uncalibrated	X	X							
Raw magnetometer	X								
Magnetic field calibrated	X		X						
Magnetic field uncalibrated	X		X						
Rotation vector	X	X	X						
Game rotation vector	X	X							
Geomagnetic rotation vector	X		X						
Pressure				X					
Ambient light					X				
Humidity						X			
Proximity							X		
Temperature								X	
Tap detector	X								
Step detector	X								
Step counter	X								
Significant motion	X								
Stability classifier	X	X							
Shake detector	X								
Flip detector	X								
Pickup detector	X								
Stability detector	X								
Personal Activity classifier	X								
Sleep detector	X								
Tilt detector	X								
Pocket detector	X				X		X		
Circle detector	X								
Heart rate monitor	X								X
AR/VR Stabilized Rotation Vector	X	X	X						
AR/VR Stabilized Game Rotation Vector	X	X							
Gyro-Integrated Rotation Vector	X	X	X <sup>1</sup>						

Figure 2: Sensor Usage

<sup>1</sup> Magnetometer is not required when Gyro-Integrated Rotation Vector is configured with the Game Rotation Vector as its Reference Data Type (see 4.3.24).