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com.kauailabs.navx.ftc

## Class AHRS.DimI2cDeviceReader

* java.lang.Object
  + com.kauailabs.navx.ftc.AHRS.DimI2cDeviceReader
* Enclosing class: [AHRS](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.html)  
    
  public class AHRS.DimI2cDeviceReader  
  extends java.lang.Object

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [DimI2cDeviceReader](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#DimI2cDeviceReader-I2cDevice-int-int-int-)(I2cDevice i2cDevice, int i2cAddress, int memAddress, int num\_bytes) |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + [deregisterIoCallback](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#deregisterIoCallback-com.kauailabs.navx.ftc.AHRS.IoCallback-)(com.kauailabs.navx.ftc.AHRS.IoCallback ioCallback) |
| * + byte[] | * + [getReadBuffer](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#getReadBuffer--)() |
| * + boolean | * + [isBusy](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#isBusy-java.lang.Boolean-)(java.lang.Boolean timeout) |
| * + void | * + [registerIoCallback](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#registerIoCallback-com.kauailabs.navx.ftc.AHRS.IoCallback-)(com.kauailabs.navx.ftc.AHRS.IoCallback ioCallback) |
| * + void | * + [start](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#start-long-boolean-)(long timeout\_ms, boolean continuous) |
| * + byte[] | * + [startAndWaitForCompletion](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#startAndWaitForCompletion-long-)(long timeout\_ms) |
| * + byte[] | * + [waitForCompletion](http://docs.google.com/com/kauailabs/navx/ftc/AHRS.DimI2cDeviceReader.html#waitForCompletion-long-)(long timeout\_ms) |

### Methods inherited from class java.lang.Objectclone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### DimI2cDeviceReader public DimI2cDeviceReader(I2cDevice i2cDevice, int i2cAddress, int memAddress, int num\_bytes)

### Method Detail

#### registerIoCallback public void registerIoCallback(com.kauailabs.navx.ftc.AHRS.IoCallback ioCallback)

#### deregisterIoCallback public void deregisterIoCallback(com.kauailabs.navx.ftc.AHRS.IoCallback ioCallback)

#### start public void start(long timeout\_ms, boolean continuous)

#### isBusy public boolean isBusy(java.lang.Boolean timeout)

#### startAndWaitForCompletion public byte[] startAndWaitForCompletion(long timeout\_ms)

#### waitForCompletion public byte[] waitForCompletion(long timeout\_ms)

#### getReadBuffer public byte[] getReadBuffer()

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