phyphox

Version: 1.1.16

Build: 1011602

File format: 1.18

Permissions

HIGH\_SAMPLING\_RATE\_SENSORS: yes

INTERNET: yes

RECORD\_AUDIO: no

CAMERA: yes

READ\_EXTERNAL\_STORAGE: no

BLUETOOTH\_SCAN: yes

BLUETOOTH\_CONNECT: yes

ACCESS\_COARSE\_LOCATION: no

ACCESS\_FINE\_LOCATION: no

ACCESS\_NETWORK\_STATE: yes

WAKE\_LOCK: yes

SCHEDULE\_EXACT\_ALARM: no

de.rwth\_aachen.phyphox.DYNAMIC\_RECEIVER\_NOT\_EXPORTED\_PERMISSION: yes

Device

Model: V2417A

Brand: vivo

Board: PD2417

Manufacturer: vivo

ABIS: arm64-v8a

Base OS:

Codename: REL

Release: 15

Patch: 2025-02-01

Sensors

供应商特定 (type 66563)

- Name: Elliptic Proximity

- Range: 5.0

- Resolution: 1.0E-4

- Min delay: 0 µs

- Max delay: 10000000 µs

- Power: 0.5 mA

- Vendor: Elliptic Labs

- Version: 4

加速度计 (type 1)

- Name: lsm6dsve\_acc

- Range: 78.4532 m/s²

- Resolution: 0.002394202 m/s²

- Min delay: 2000 µs

- Max delay: 1000000 µs

- Power: 0.24 mA

- Vendor: st

- Version: 1

磁力计 (type 2)

- Name: mxg4300

- Range: 4912.0503 µT

- Resolution: 0.15 µT

- Min delay: 10000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: Haechitech

- Version: 1

未知传感器 (type 3)

- Name: orientation

- Range: 360.0

- Resolution: 0.00390625

- Min delay: 10000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

陀螺仪 (type 4)

- Name: lsm6dsve\_gyro

- Range: 34.9063 rad/s

- Resolution: 0.0011 rad/s

- Min delay: 2000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: st

- Version: 1

光传感器 (type 5)

- Name: stk36c31\_als

- Range: 65535.0 lx

- Resolution: 1.0 lx

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: sensorTek

- Version: 1

供应商特定 (type 66552)

- Name: PROXIMITY\_A

- Range: 5.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

Gravity (type 9)

- Name: gravity

- Range: 39.226803

- Resolution: 0.0012

- Min delay: 5000 µs

- Max delay: 200000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

线加速度 (type 10)

- Name: linear\_acc

- Range: 39.226803 m/s²

- Resolution: 0.0012 m/s²

- Min delay: 10000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

Attitude (type 11)

- Name: rot\_vec

- Range: 1.0

- Resolution: 5.9604645E-8

- Min delay: 10000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

磁力计 (type 14)

- Name: mxg4300\_uncali\_mag

- Range: 4912.0503 µT

- Resolution: 0.15 µT

- Min delay: 10000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mxg4300\_uncali\_mag

- Version: 1

未知传感器 (type 15)

- Name: game\_rotvec

- Range: 1.0

- Resolution: 5.9604645E-8

- Min delay: 10000 µs

- Max delay: 200000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 16)

- Name: lsm6dsve\_uncali\_gyro

- Range: 34.9063

- Resolution: 0.0011

- Min delay: 2000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: lsm6dsve\_uncali\_gyro

- Version: 1

未知传感器 (type 17)

- Name: significant

- Range: 1.0

- Resolution: 1.0

- Min delay: -1 µs

- Max delay: 0 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 18)

- Name: step\_detect

- Range: 1.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 0 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 19)

- Name: step\_count

- Range: 2.14748365E9

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 20)

- Name: geo\_rotvec

- Range: 1.0

- Resolution: 5.9604645E-8

- Min delay: 10000 µs

- Max delay: 200000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 27)

- Name: dev\_orient

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

未知传感器 (type 35)

- Name: lsm6dsve\_uncali\_acc

- Range: 39.226803

- Resolution: 0.0012

- Min delay: 2000 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: lsm6dsve\_uncali\_acc

- Version: 1

供应商特定 (type 65616)

- Name: ois\_imu

- Range: 1.0

- Resolution: 1.0

- Min delay: 5000 µs

- Max delay: 20000 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

供应商特定 (type 65618)

- Name: ois\_wide

- Range: 1.0

- Resolution: 1.0

- Min delay: 5000 µs

- Max delay: 20000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66538)

- Name: raiseup

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66539)

- Name: putdown

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66540)

- Name: vivomotion

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66542)

- Name: angle\_judge

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 33171006)

- Name: amd

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66554)

- Name: smartprox

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66537)

- Name: win\_ori

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66544)

- Name: light\_scene

- Range: 100000.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66578)

- Name: edge\_detect

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66561)

- Name: drop\_depth

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66567)

- Name: lcm\_esdcheck

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66566)

- Name: vlogger

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66585)

- Name: airplane\_identi

- Range: 3.0

- Resolution: 1.0

- Min delay: 5000 µs

- Max delay: 100000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66590)

- Name: game\_gesture

- Range: 100.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66594)

- Name: camera\_noise

- Range: 3.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66584)

- Name: elevator\_detect

- Range: 10.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66601)

- Name: activity\_wk

- Range: 1.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 0 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66601)

- Name: activity\_nwk

- Range: 1.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 0 µs

- Power: 0.001 mA

- Vendor: vivo

- Version: 1

供应商特定 (type 66607)

- Name: front\_cct

- Range: 65535.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 1000000 µs

- Power: 0.001 mA

- Vendor: sensorTek

- Version: 1

未知传感器 (type 18)

- Name: step\_detect\_wakeup

- Range: 1.0

- Resolution: 1.0

- Min delay: 0 µs

- Max delay: 0 µs

- Power: 0.001 mA

- Vendor: mtk

- Version: 1

供应商特定 (type 66555)

- Name: algo-prox

- Range: 78.4

- Resolution: 0.01

- Min delay: 0 µs

- Max delay: 10000000 µs

- Power: 0.01 mA

- Vendor: vivo

- Version: 1

未知传感器 (type 32)

- Name: Dynamic Sensor Manager

- Range: 1.0

- Resolution: 1.0

- Min delay: 1000 µs

- Max delay: 1000 µs

- Power: 0.001 mA

- Vendor: Google

- Version: 1

距离传感器 (type 8)

- Name: Proximity Sensor

- Range: 5.0 cm

- Resolution: 1.0 cm

- Min delay: 10 µs

- Max delay: 0 µs

- Power: 0.5 mA

- Vendor: vivo

- Version: 1

Cameras

Depth sensors

- Depth sensors front: 0

- Max resolution front: -

- Max frame rate front: -

- Depth sensors back: 0

- Max resolution back: -

- Max frame rate back: -

Camera 2 API

[{"id":"0","facing":"LENS\_FACING\_BACK","hardwareLevel":"HARDWARE\_LEVEL\_3","capabilities":["CAPABILITIES\_BACKWARD\_COMPATIBLE","CAPABILITIES\_MANUAL\_SENSOR","CAPABILITIES\_MANUAL\_POST\_PROCESSING","CAPABILITIES\_READ\_SENSOR\_SETTINGS","CAPABILITIES\_RAW","CAPABILITIES\_BURST\_CAPTURE","CAPABILITIES\_YUV\_REPROCESSING","CAPABILITIES\_CONSTRAINED\_HIGH\_SPEED\_VIDEO","CAPABILITIES\_LOGICAL\_MULTI\_CAMERA","18","19","20"]},{"id":"1","facing":"LENS\_FACING\_FRONT","hardwareLevel":"HARDWARE\_LEVEL\_FULL","capabilities":["CAPABILITIES\_BACKWARD\_COMPATIBLE","CAPABILITIES\_MANUAL\_SENSOR","CAPABILITIES\_MANUAL\_POST\_PROCESSING","CAPABILITIES\_READ\_SENSOR\_SETTINGS","CAPABILITIES\_BURST\_CAPTURE","CAPABILITIES\_PRIVATE\_REPROCESSING","18","19","20"]}]