

TB-02 Trackball

frontpanel



Overview

- phenolic trackball 38mm
- Epoxid resin frontpanel covered with membrane similar RAL7035
- Modul with back side threaded bolts for panel mounting
- 2 mousebuttons above
- USB
- Protection level IP65 static / IP54 movable

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB

Keys/ Trackball:

2 Keys

Trackball 38mm phenolic, MS-Mouse compatible

Environmental:

Operating: 0 - +50°C

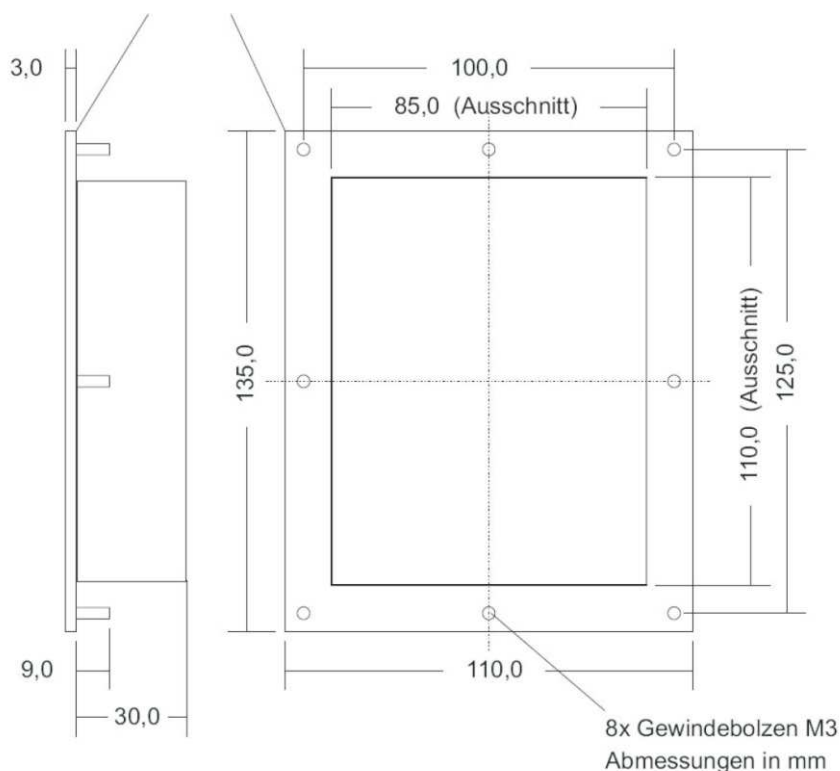
Protective class (front side):

IP65 static, IP54 moveables

Dimensions:

app. 135 x 110 x 28mm

Drawing



Part number

10020905

TB-02

Stainless steel trackball

TB-03 (Front panel)



Overview

- Trackball 50mm with stainless steel frontpanel
- Modul with back side threaded bolts for panel mounting
- PS/2 and USB
- Protection level IP65 static / IP54 moveable
- 3 shortstroke keys above

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB and PS/2

Keys/ Trackball:

3 Keys, stainless steel

Trackball 50mm stainless steel, MS-Mouse compatible

Environmental:

Operating: -10 - +60°C

Protective class (front side):

IP65 static, IP54 moves

Dimensions:

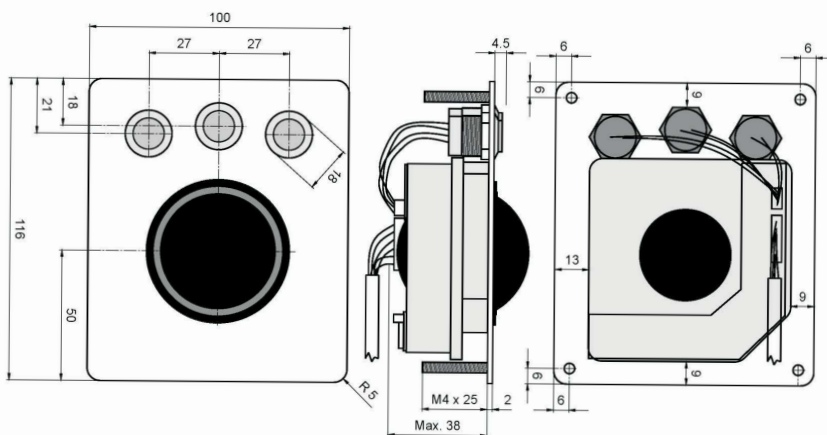
ca. 110 x 115 x 40mm

Drawing

Part number

10020901

TB-03E Trackbal
50mm



TB-04 Trackball

Fronpanel



Overview

- Trackball 50mm with stainless steel frontpanel
- Modul with back side threaded bols for panel mounting
- PS/2 and USB
- Protection level IP65 static / IP54 moveable
- 3 shortstroke keys above
- trackball removeabel through removeable topring

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB and PS/2

Keys/ Trackball:

3 Keys, stainless steel or piezo

Trackball 50mm polyester, MS-Mouse compatible

Environmental:

Operating: -0 - +55°C

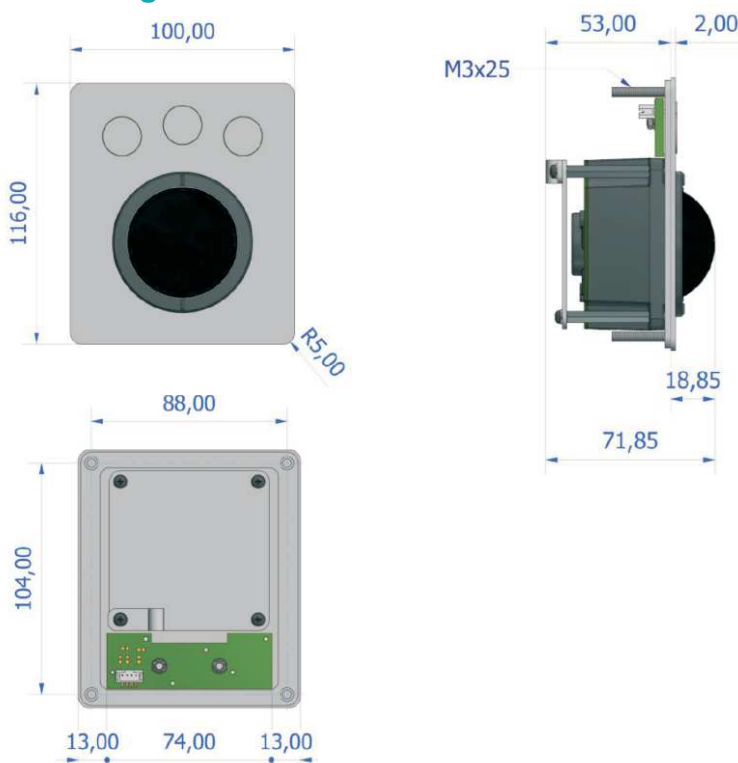
Protective class (front side):

IP65 static, IP54 moves

Dimensions:

ca. 110 x 116 x 50mm

Drawing



Part number

10020903 TB-04E Trackball 50mm stainless-steel keys

10020904 TB-04P Trackball 50mm Piezo-keys

Stainless steel trackball

TB-05 (Front panel)



Overview

- Trackball 38mm with stainless steel front plate
- Modul with back side threaded bolts for panel mounting
- PS/2 or USB
- Protection level IP65 / IP54 moves
- backside metal case over the electronic
- vandal-proof keys (IK07)

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2 via adapter

Keys/ Trackball:

2 Keys, Lifespan > 3 Mio actuations, stainless steel Trackball 38mm stainless steel, Lifespan > 10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h, Power supply: 5V DC+ 10%, mouse interface

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

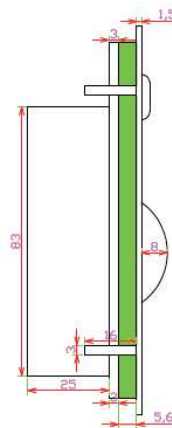
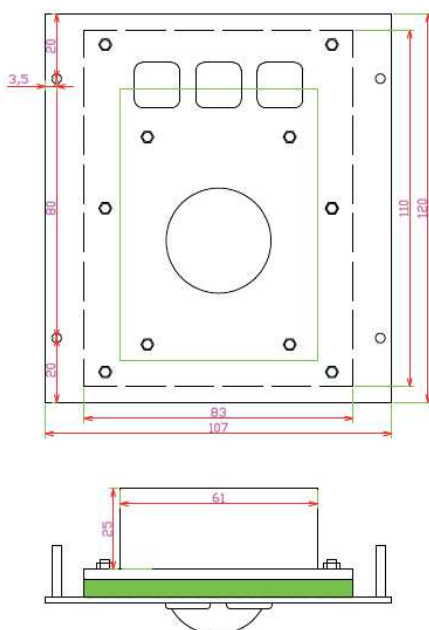
Protective class (front side):

IP65 static, IP54 moves

Dimensions:

ca. 120 x 107 x 25mm

Drawing



Part number

10020907 TB-05

Stainless steel trackball

TB-06 (Front panel)



Overview

- Trackball 38mm with stainless steel front plate
- Modul with back side threaded bolts for panel mounting
- PS/2 and USB
- Protective level IP65 / IP54 moves
- Back side metal case over the electronic
- vandal-proof keys (IK07)

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

3 Keys, lifespan > 3 Mio actuations, stainless steel, Trackball 38mm, lifespan > 10 Mio revolutions, stainless steel, MS-Mouse compatible, MTBF: >50.000h, power supply 5V/200mA max.

Environmental:

Operating -20 - +60°C, Storage: -30 - +70°C

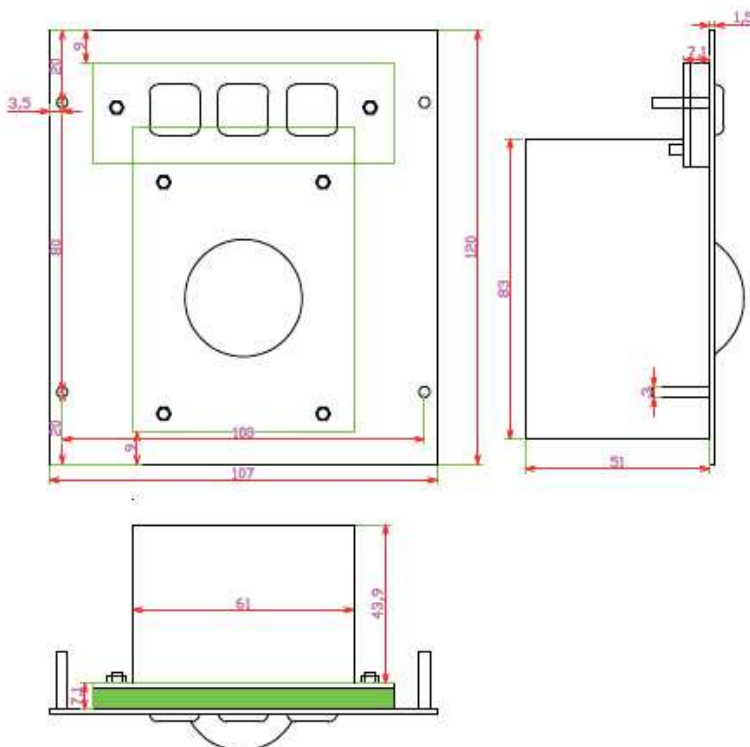
Protection level (front side):

IP65 static, IP54 moves

Dimensions:

ca. 120 x 107 x 50mm

Drawing:



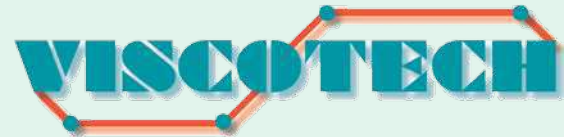
Part number

10020909

TB-06 USB

TB-07 trackball

(Frontpanel)



TB-07 resin



TB-07
stainless steel

Overview:

- Trackball 38mm with stainless steel front plate
- Modul with backside threaded bolts for panel montage
- PS/2 and USB
- Protective level IP65 front side
- back side metal case over the electronic
- vandal-proof keys (IK10)
- Scroll function

Technical Data:

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2

Keys / Trackball:

3 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

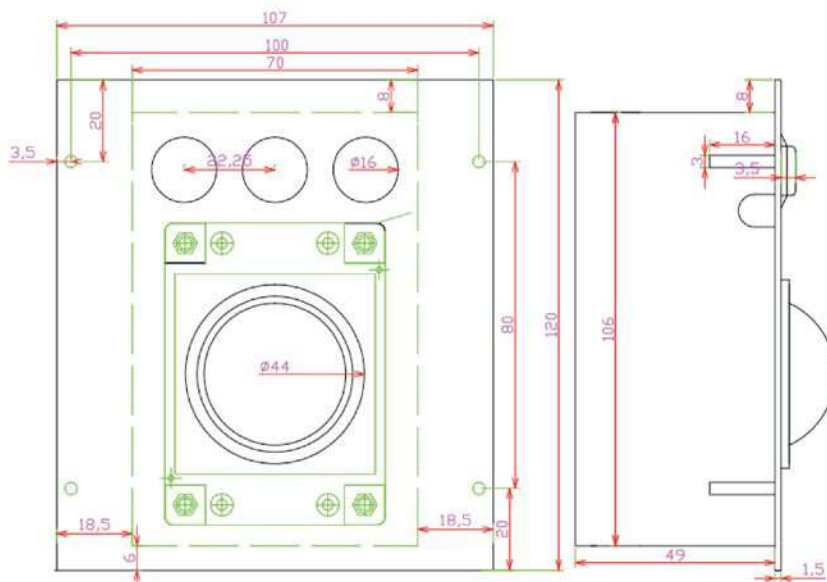
Protective level (front side):

IP65

Dimensions:

ca. 120 x 107 x 50mm

Drawing:

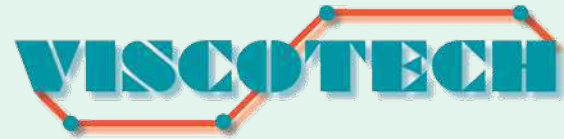


Part number:

10020911 TB-07 stainless steel USB
TB-07 resin USB

TB-07R trackball

(Frontpanel)



Overview:

- Trackball 38mm with stainless steel front plate
- Trackball resin, removeable
- Modul with backside threaded bolts for panel montage
- PS/2 and USB
- Protective level IP65 front side
- back side metal case over the electronic
- vandal-proof keys (IK10)

Technical Data:

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2

Keys / Trackball:

3 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

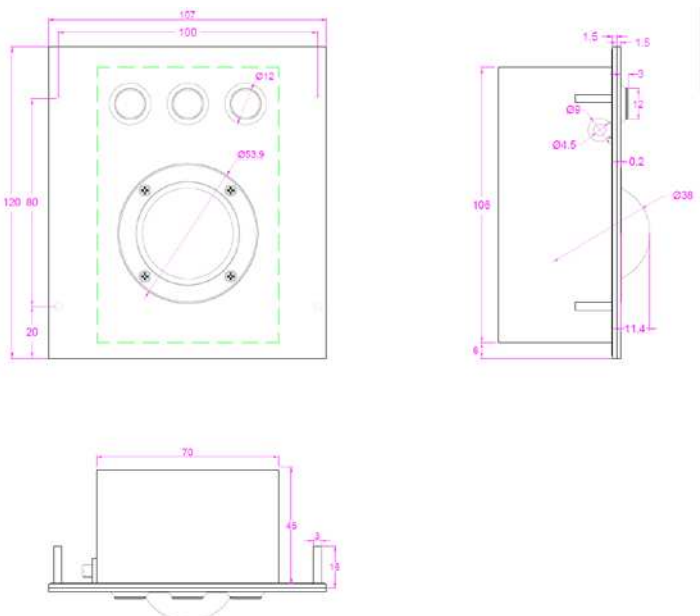
Protective level (front side):

IP65

Dimensions:

ca. 120 x 107 x 50mm

Drawing:

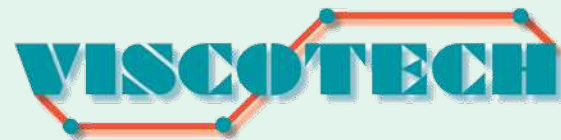


Part number:

10020912 TB-07R resin USB

Stainless steel trackball

TB-08 (Frontpanel)



Overview:

- Trackball 25mm with stainless steel front plate
- Modul with backside threaded bolts for panel montage
- corners R2
- PS/2 and USB
- Protection level IP65 front side
- optical trackball (800dpi)
- back side metal case over the electronic
- vandal-proof keys (IK07)
- Scroll function

Technical Data:

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2

Keys / Trackball:

3 short travel keys, lifespan >3 Mio actuations, stainless steel, Trackball 25mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

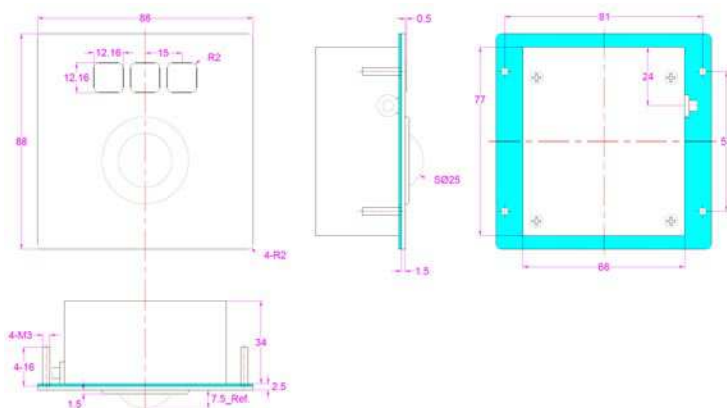
Protective level (front side):

IP65

Dimensions:

ca. 88 x 88 x 34mm

Drawing:

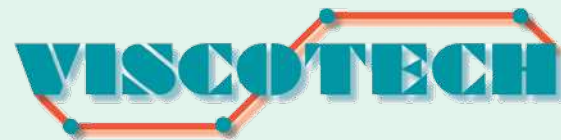


Part number:

10020934 TB-08 stainless steel USB

Stainless steel trackball

TB-09 (backpanel)



Overview:

- Trackball 38mm with stainless steel front plate
- Modul with mounting holes for backpanel mounting
- PS/2 and USB
- Protection level IP65 front side, trackball IP54
- back side metal case over the electronic
- vandal-proof keys (IK07)
- 400dpi

Technical Data:

Mounting:

backpanel, via mounting holes

Interfaces:

USB, PS/2

Keys / Trackball:

3 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

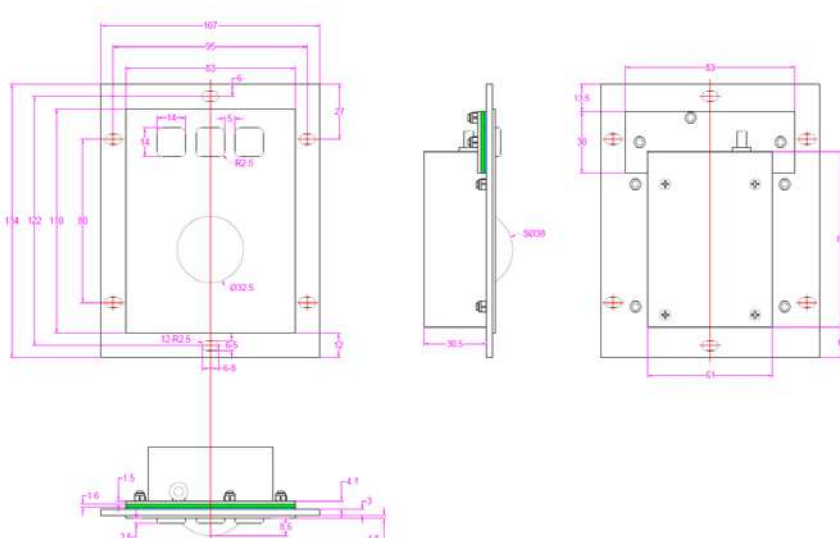
Protective level (front side):

IP65

Dimensions:

ca. 110 (134) x 83 (107) x 32mm

Drawing:

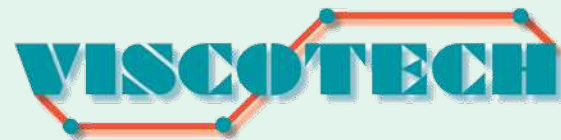


Part number:

10020914 TB-09 stainless steel USB

Stainless steel trackball

TB-10 (backpanel)



Overview:

- Trackball 38mm with stainless steel front plate
- Modul with mounting holes for backpanel mounting
- PS/2 and USB
- Protection level IP65 front side, trackball IP54
- back side metal case over the electronic
- vandal-proof keys (IK07)
- 1200dpi

Technical Data:

Mounting:

backpanel, via mounting holes

Interfaces:

USB, PS/2

Keys / Trackball:

3 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

Protective level (front side):

IP65

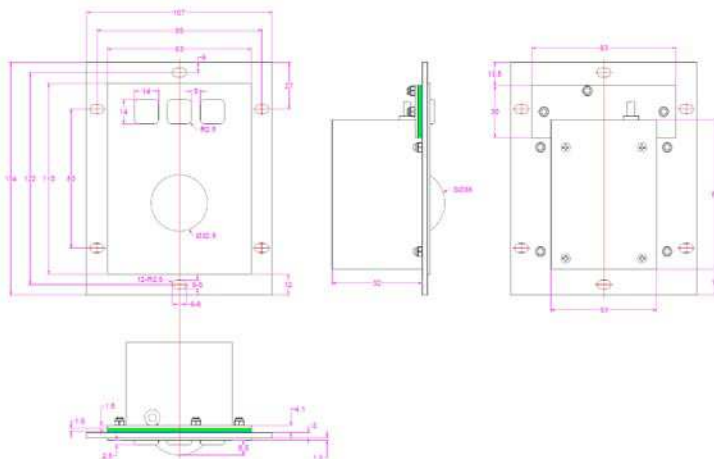
Dimensions:

ca. 110 (134) x 83 (107) x 52mm

Drawing:

Part number:

10020915 TB-10 stainless steel USB



Stainless steel trackball

TB-11 (backpanel)



Overview:

- Trackball 25mm with stainless steel front plate
- Modul with mounting holes for backpanel mounting
- PS/2 and USB
- Protection level IP65 front side, trackball IP54
- back side metal case over the electronic
- vandal-proof keys (IK07)
- 800dpi

Technical Data:

Mounting:

backpanel, via mounting holes

Interfaces:

USB, PS/2

Keys / Trackball:

2 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 25mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

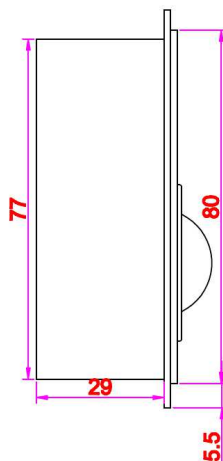
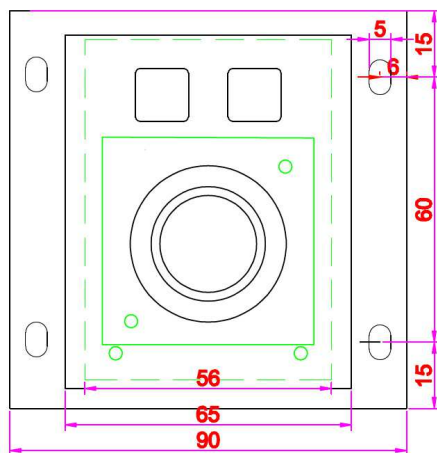
Protective level (front side):

IP65

Dimensions:

ca. 80 (90) x 65 (90) x 30mm

Drawing:



Part number:

10020916 TB-11 stainless steel USB

Stainless steel trackball

TB-12 Desktop version



Overview

- Trackball 38mm stainless steel
- mechanical, 400Dpi
- Stand alone / Desktop version
- PS/2 and USB
- Protection level IP65 / IP54 Trackball
- Stainless steel case
- vandal-proof keys (IK07)

Technical data

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

2 Keys Switch lifespan >3 Mio actuations, stainless steel engraved, Trackball 38mm Stainless steel, MS-Mouse compatible, MTBF: >50.000h, power supply: 5VDC

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

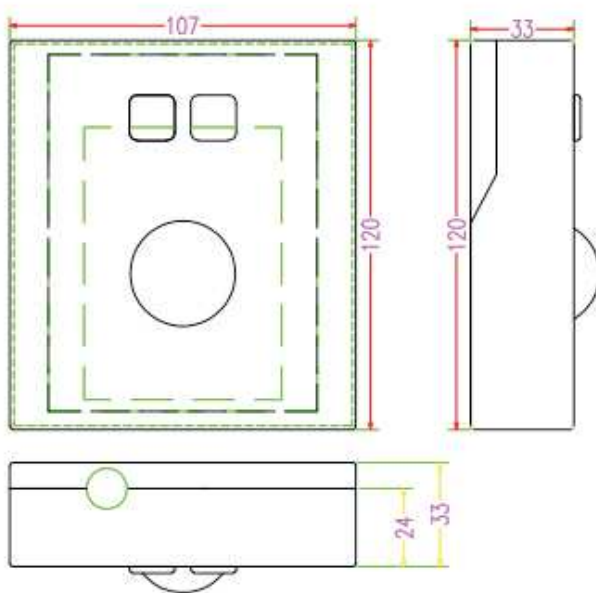
Protection class (front side):

IP65 static, IP54 moves

Dimensions:

ca. 107mm x 120mm x 32mm

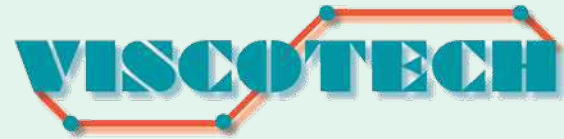
Drawing



Part number

10020921 TB-12

Stainless steel trackball TB-12 (desktop version)



Overview:

- Trackball 38mm with stainless steel case
- optical trackball, 800dpi
- USB
- stand alone, desktop version
- Protection level IP65 front side, trackball IP54
- vandal-proof keys (IK07)

Technical Data:

Mounting:

standalone, desktop version

Interfaces:

USB

Keys / Trackball:

3 Keys, Key switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm, lifespan: >10 Mio revolutions, MS-Mouse compatible, MTBF: >50.000h

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

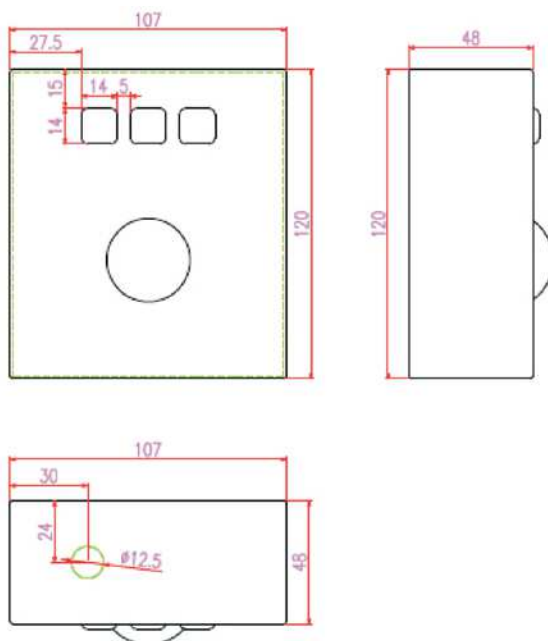
Protective level (front side):

IP65

Dimensions:

ca. 107 x 120 x 48mm

Drawing:



Part number:

10020931 TB-12 optical, USB

Stainless steel trackball

TB-13 Desktop version



Version A



Version B

Overview

- Trackball 38mm stainless steel
- Stand alone / Desktop version
- 3 Keys
- A: mechanical trackball (400dpi)
B: optical trackball (800dpi)
- PS/2 and USB
- Protection level IP65 / IP54
moveabel
- Stainless steel case
- Vandal-proof Keys (IK07)

Technical data

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

3 Keys, > Switch lifespan >3 Mio actuations, stainless steel, Trackball 38mm stainless steel engraved, MS-Mouse compatible, MTBF: >50.000h, Spower supply 5VDC.

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

Protection class (front side):

IP65 static, IP54 moveable

Dimensions:

ca. 107mm x 155mm x 33mm

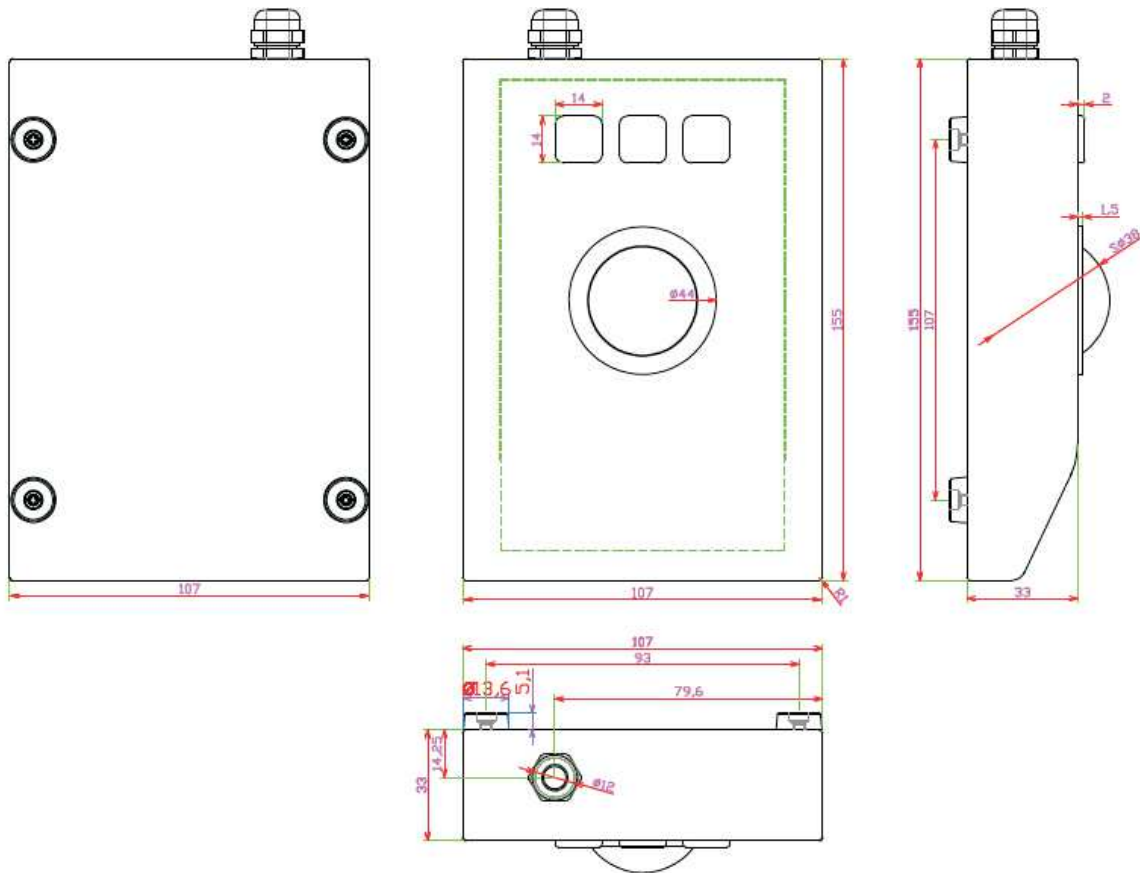
Part number

10020924	TB-13 version A, mechanical trackball
10020925	TB-13 version B, optipal trackball

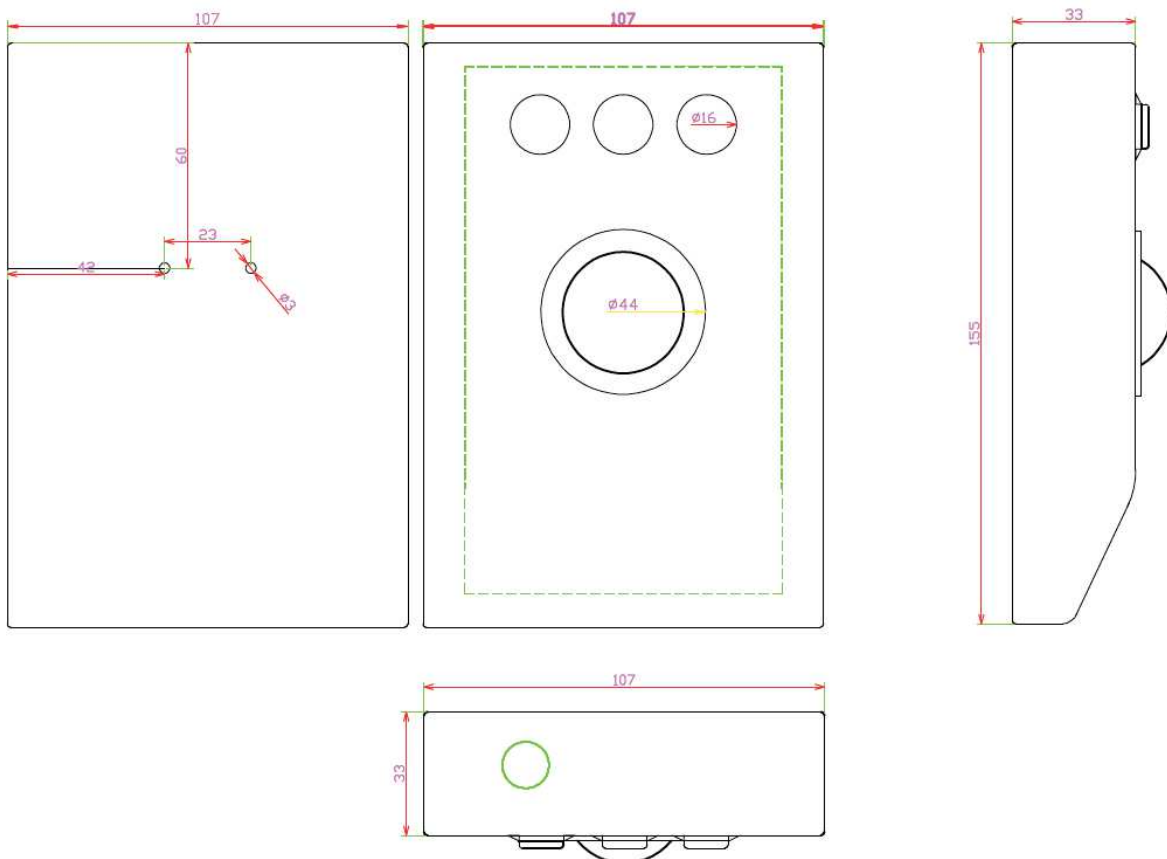
stainless steel trackball TB-13 **VISCOTECH**

desktop version

drawing Version A



drawing Version B



Stainless steel trackball TB-14



Overview

- Trackball 38mm stainless steel
- frontpanel mounting
- 2 Keys
- optical Trackball 800 dpi
- PS/2 and USB
- Protection level IP65 moveabel
- rear side sealing
- Vandal-proof Keys (IK10)

Technical data

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

2 Keys variant, > Switch lifespan >3 Mio actuations, stainless steel engraved, Trackball 38mm stainless steel engraved, MS-Mouse compatible, MTBF: >50.000h, Spower supply 5VDC.

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

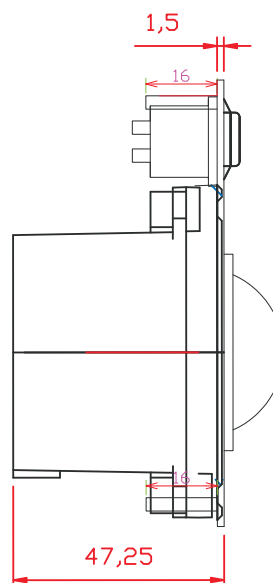
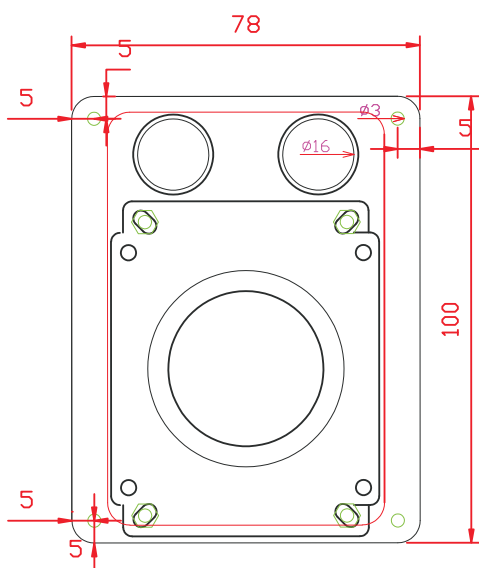
Protection class (front side):

IP65 moveable

Dimensions:

ca. 78mm x 100mm x 48mm

Drawing



Part number

10020926

TB-14 USB

Stainless steel trackball

TB-16 Desktop version



Overview

- Trackball 50mm Polyester
- Stand alone / Desktop version
- 3 Piezo-Keys
- PS/2 and USB
- Protection level IP65 / IP54 moveable
- Stainless steel case
- removeable trackball

Technical data

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

3 Piezo-Keys

Trackball 50mm Polyester

Environmental:

Operating: -10 - +60°C, Storage: -25 - +80°C

Protection class (front side):

IP65 static, IP54 moveable

Dimensions:

ca. 200mm x 120mm x 63mm

Drawing



Part number

10020930

TB-16

TB-17 lasertrackball

frontpanel



Overview

- Trackball 50mm with stainless steel front plate
- Modul with back side threaded bolts for panel mounting
- PS/2 or USB
- Protection level IP65 / IP54 moves
- backside metal case over the electronic
- hardened resin lasertrackball (1200dpi)
- trackball removeable through topring

Technical data

Mounting:

front side, Mounting via back side threaded bolts

Interfaces:

USB, PS/2 via adapter

Keys/ Trackball:

3 Keys above, stainless steel

Trackball 50mm hardened resin, MS-Mouse compatible,

Environmental:

Operating: -20 - +60°C, Storage: -30 - +70°C

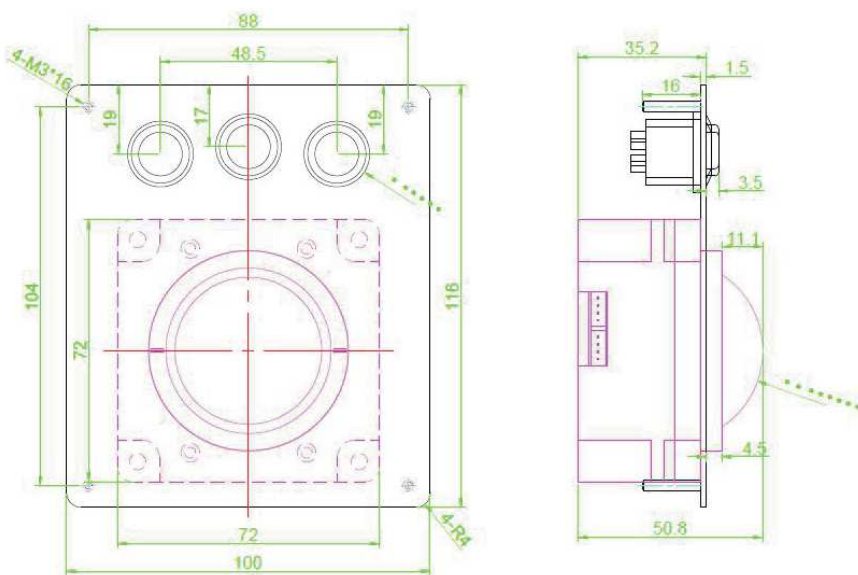
Protective class (front side):

IP65 static, IP54 moveable

Dimensions:

ca. 100 x 116 x 36mm

Drawing



Part number

10020929 TB-17 Trackball 50mm

Stainless steel trackball

TB-18 Desktop version



Overview

- Trackball 38mm Polyestern
- Stand alone / Desktop version
- 3 Keys
- USB
- optical trackball
- Protection level IP65 / Ip54 moveabel
- Stainless steel case

Technical data

Interfaces:

USB, PS/2 via adapter

Keys / Trackball:

3 Keys

Trackball 38mm stainless steel

Environmental:

Operating: -10 - +60°C, Storage: -25 - +80°C

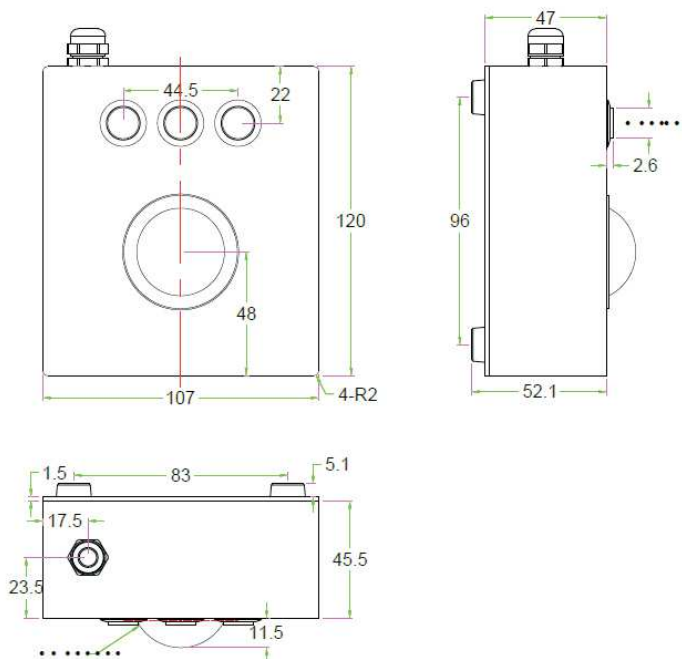
Protection class (front side):

IP65 static, IP54 moveable

Dimensions:

ca. 107mm x 120mm x 47mm

Dr



Part number

10020932

TB-18