ECONOMICAL OUTDOOR NETWORK BOX

Unique construction rainproof box

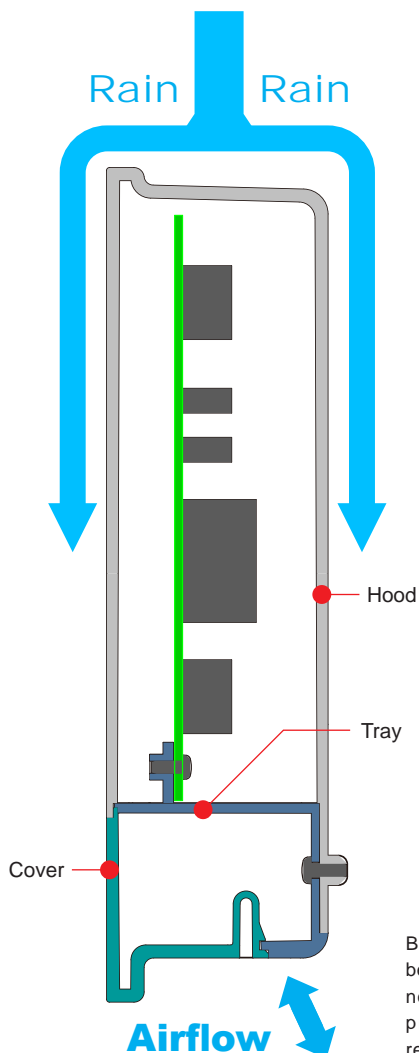# OB series

REASONS for ECONOMICAL

1. No Gasket required by the unique construction

2. Wall/Pole bracket integrated

Unique seamless construction

No rain entry by the seamless construction without gasket nor joint.

Rain   Rain

- Hood
- Tray
- Cover

Airflow

By having a slight gap between the cover and tray, no ventilation plug for the pressure equalization is required.

Wall • Pole mounting bracket integrated

The slit of the integrated bracket in the backside can hold the pole mounting belts. And the hanging holes can be utilize for wall mounting.
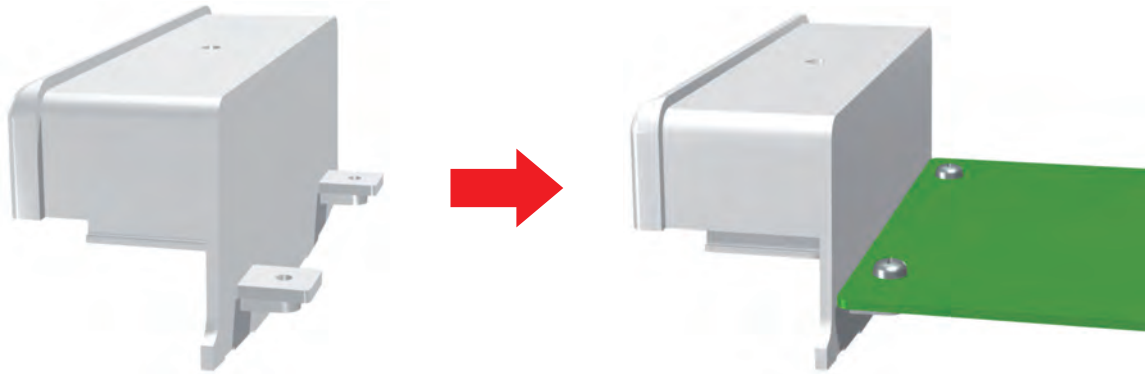

Weather-resistant ASA material

ASA material is resistant to deterioration and discoloration from ultraviolet rays. Perfect for use as outdoor communication or network devices.
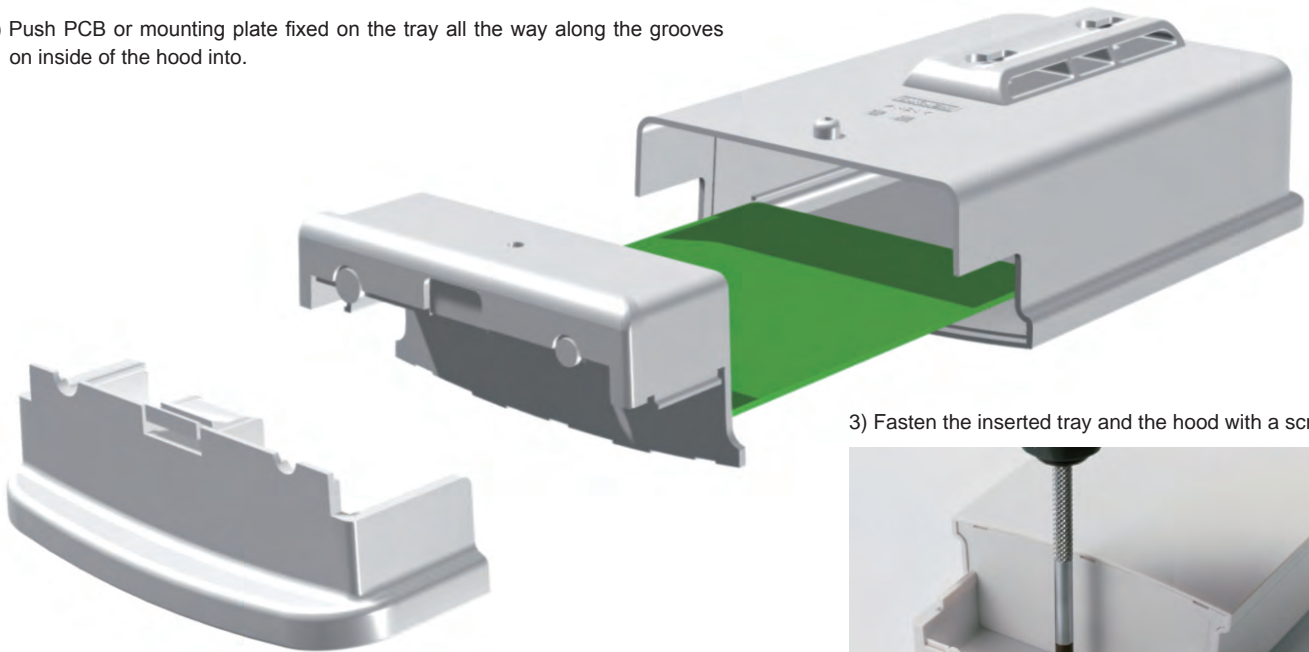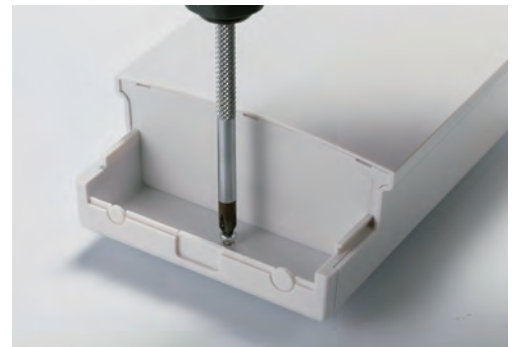
How to install PCB • Mounting plate

1) Fix PCB or mounting plate on the tray with screws.

2) Push PCB or mounting plate fixed on the tray all the way along the grooves on inside of the hood into.

3) Fasten the inserted tray and the hood with a screw.

Easy knock-out hole punching & cover replacement

Tray comes with knock-out holes for wiring. Knock-out holes can easily be punched out through with a plier or a nipper.
The cover can be easily removed with one touch, hence it is a excellent structure for performing maintenance.
For wiring, please machine cutout/hole on the side-wall of the tray as shown in the installation example below.

OPEN

Connecter installation example

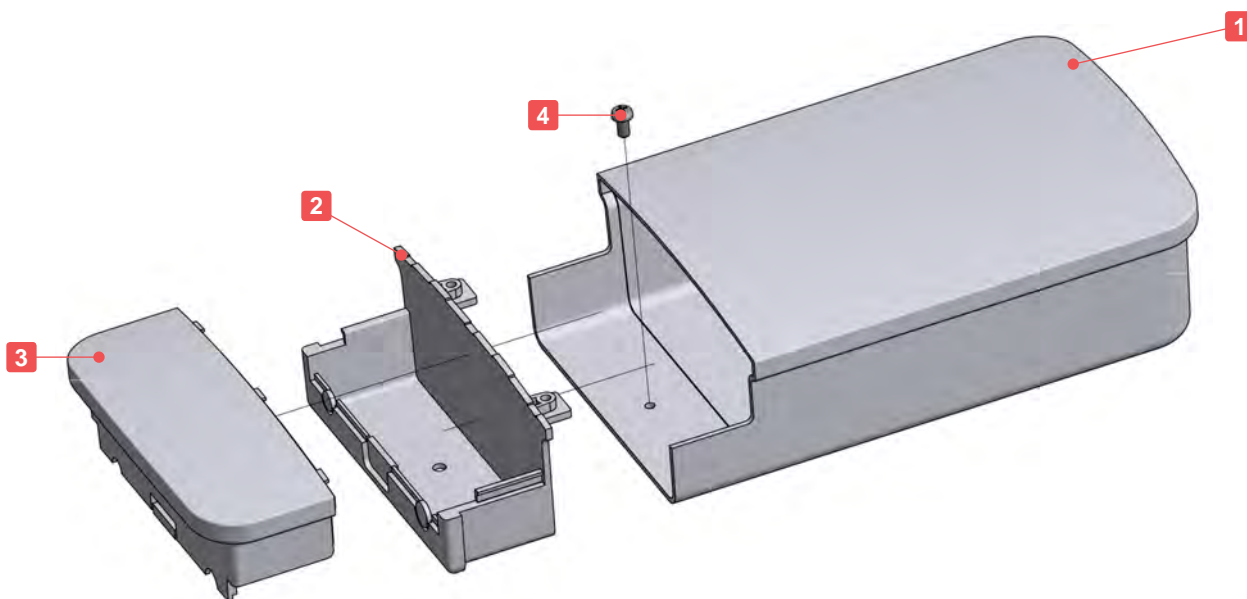# OB series — ECONOMICAL OUTDOOR NETWORK BOX

NEW ★★

- Unique seamless construction and rainproof outdoor network box.
  Although it is IP44, it can completely protect the internal components against rain when installed vertically.

- ASA material is resistant to deterioration and discoloration from ultraviolet rays.
  Perfect for use as outdoor communication devices.

- Bracket integrated in the backside equipped with the slits allows for pole mounting belt to be passed through the slit for pole mounting, while the hanging holes enable it to be secured onto wall hooks or brackets.

- Tray comes with knock-out holes for wiring. Knock-out holes can easily be punched out through with a plier or a nipper.

IP44

Technical Data

Protection class : IP44
Operating temperature :
-30°C ~ +60°C

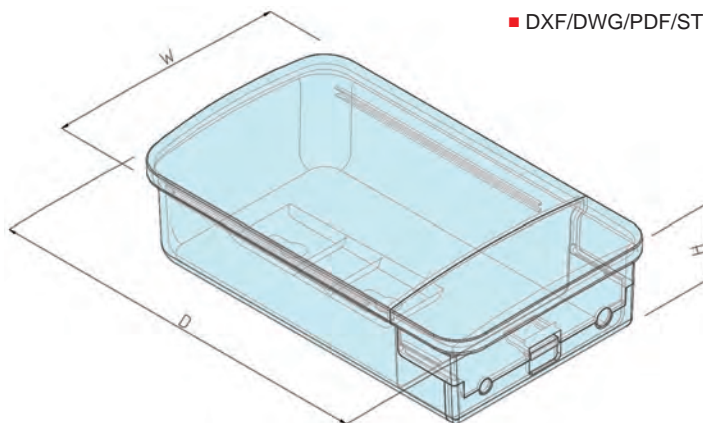*May become brittle and break under impact when temperature is lowered close to -30°C.

Components

No.	Part name	Pcs	Material / Color
1	Hood	1	ASA UL94HB / Off-white
2	Tray	1	ASA UL94HB / Off-white
3	Cover	1	ASA UL94HB / Off-white
4	Screw (Tray/PCB installation)	3	Stainless steel / Unfinished

OB dimensions
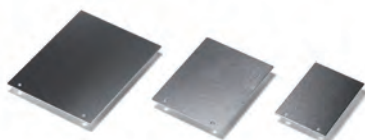
■ DXF/DWG/PDF/STP drawings available on our website.

Product no. / Dimensions

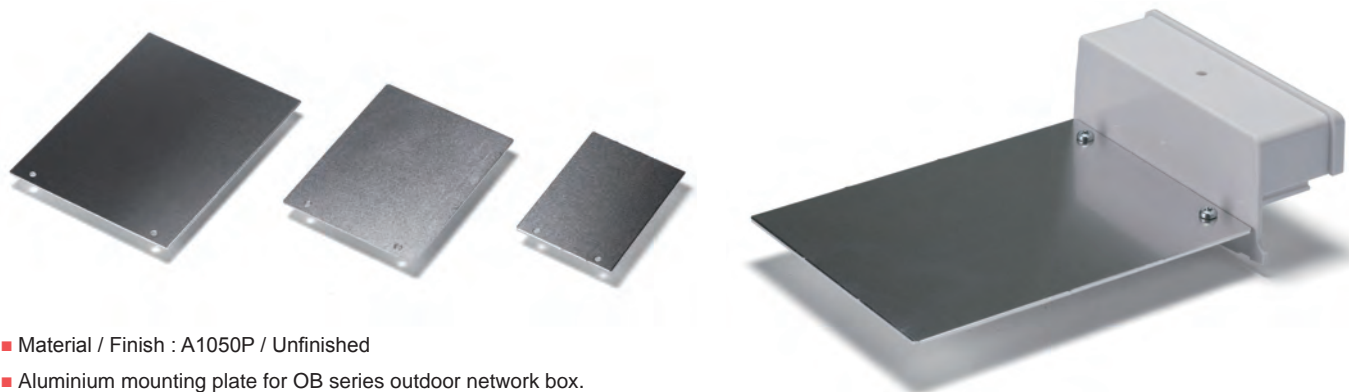| Product no.	External dimensions			Knock-out holes
	W	D	H	
OB 8-14-4W	75	140	35	5.6Φ x1 • 7.2Φ x1
OB10-17-5W	100	170	45	5.6Φ x1 • 7.2Φ x1
OB13-21-6W	125	210	55	7Φ x1 • 10Φ x1

Accessories (Optional parts)

Pole mounting belt SNB • PKB series
See page 323 ~ 324
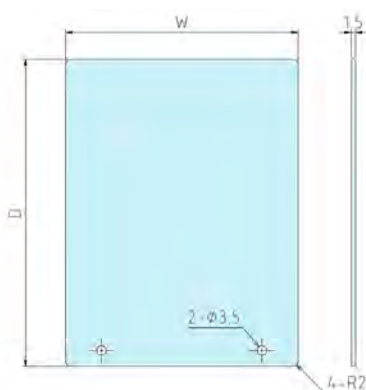
Mounting plate OBP series
See page 14

Accessories (Optional parts)

OBP series   MOUNTING PLATE for OB

■ Material / Finish : A1050P / Unfinished

■ Aluminium mounting plate for OB series outdoor network box.

■ Recommended to be used for installing network module, sensor, terminal block, etc.

OBP dimensions

Product no. / Dimensions

Product no.	W	D	Suitable models	Weight (g)
OBP8-14	61.2	92	OB 8-14-4W	22.5
OBP10-17	87.1	115	OB10-17-5W	40
OBP13-21	110	137	OB13-21-6W	61

■ DXF/DWG/PDF drawings available on our website.

PKB series | POLE MOUNTING BELT
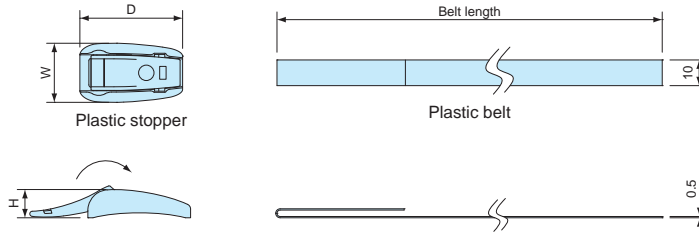

PKB−10PM, 10P

PKB−10S, 20S

- Pole mounting belt for attachment of enclosures with suitable pole mount brackets or construction onto poles.
- Designed for one time use only (not reusable).
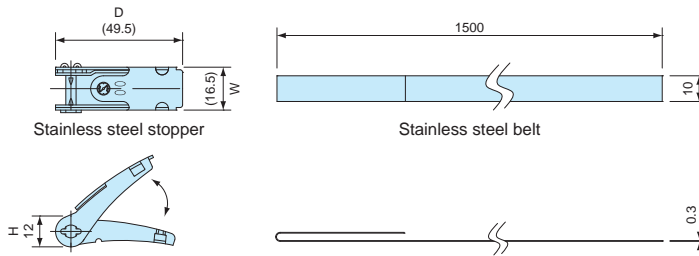- Strong stainless steel clamping type and easy installation plastic type are available.

PKB dimensions

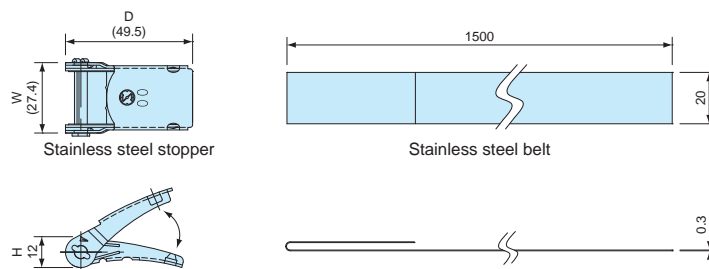- DXF/DWG/PDF drawings available on our website.

PKB-10PM, 10P

Plastic stopper

Plastic belt

PKB-10S

Stainless steel stopper

Stainless steel belt

PKB-20S

Stainless steel stopper

Stainless steel belt

Components

No.	Part name	Material	Color / Finish
1	Stopper	Stainless steel SUS304 • POM	Barrel finish • Black
2	Belt	Stainless steel SUS430 • PET	Bright annealed finish • Gray

Product no. / Dimensions

Product no.	W	D	H	Belt length	Belt material	Tensile strength (horizontal)	Weight (g)	Pack of
PKB-10PM	24	23	11	500 mm	PET	0.8kN	14	2
PKB-10PM	23	40	11	1,500 mm	PET	1.3kN	31.8	2
PKB-10S	16.5	49.5	12	1,500 mm	Stainless steel SUS304	1.4kN	101.6	2
PKB-20S	27.4	49.5	12	1,500 mm	Stainless steel SUS430	2.9kN	182.2	2