

## ALUG7XX- SERIES

### Extruded aluminium enclosures



- 5 different size with suitable length of extruded aluminium enclosures are provided for indoor desktop device or outdoor wall mounting junction/control box use .
- 5 standard colors ( Golden , Silver , Red , Blue & Black anodized finish ) & modern aluminium bodys with two type of end panels ( plastic & die-casting aluminium end panel ) are offered for more selection .
- 0.5mm of recessed area designed in the top is for customer to affix the product label or to do the silk-screen printing.
- Optional continuous rubber seals designed to meet IP66 rating are offered when customers need to install in the cover & use the enclosure in the outdoor.
- Die-casting wall mounting kit with black coated( 2 pcs/ pack ) are also offered for selection .
- Inserted type of PCB ( 1.6 mm thick. ) & PCB stopper are also provided when customer need to use .
- **TYPE A Series ( Aluminium end panel with extruded aluminium body )**



**Material of the aluminium body : Aluminium alloy 6063**

**Material of the aluminium end panel : Aluminium alloy ADC-12**

**Color of the aluminium body : Golden <GD> , Silver <SR> , Red <RD> ,  
Blue <BU> & Black <BK> anodized finish**

**Color of the aluminium end panel : Black powder coating**

Item number	COLOR		External Dimension
	Extruded aluminium body	Aluminium Panels	
ALUG702GD040	Golden	Painted Black	68.7 x 35.2 x 49 mm
ALUG702GD080	Golden	Painted Black	68.7 x 35.2 x 89 mm
ALUG702GD120	Golden	Painted Black	68.7 x 35.2 x 129 mm
ALUG702SR040	Silver	Painted Black	68.7 x 35.2 x 49 mm
ALUG702SR080	Silver	Painted Black	68.7 x 35.2 x 89 mm
ALUG702SR120	Silver	Painted Black	68.7 x 35.2 x 129 mm
ALUG702RD040	Red	Painted Black	68.7 x 35.2 x 49 mm
ALUG702RD080	Red	Painted Black	68.7 x 35.2 x 89 mm
ALUG702RD120	Red	Painted Black	68.7 x 35.2 x 129 mm
ALUG702BU040	Blue	Painted Black	68.7 x 35.2 x 49 mm
ALUG702BU080	Blue	Painted Black	68.7 x 35.2 x 89 mm
ALUG702BU120	Blue	Painted Black	68.7 x 35.2 x 129 mm

ALUG702BK040	Black	Painted Black	68.7 x 35.2 x 49 mm
ALUG702BK080	Black	Painted Black	68.7 x 35.2 x 89 mm
ALUG702BK120	Black	Painted Black	68.7 x 35.2 x 129 mm
ALUG704GD060	Golden	Painted Black	113.7 x 35.2 x 69 mm
ALUG704GD110	Golden	Painted Black	113.7 x 35.2 x 119 mm
ALUG704GD160	Golden	Painted Black	113.7 x 35.2 x 169 mm
ALUG704SR060	Silver	Painted Black	113.7 x 35.2 x 69 mm
ALUG704SR110	Silver	Painted Black	113.7 x 35.2 x 119 mm
ALUG704SR160	Silver	Painted Black	113.7 x 35.2 x 169 mm
ALUG704RD060	Red	Painted Black	113.7 x 35.2 x 69 mm
ALUG704RD110	Red	Painted Black	113.7 x 35.2 x 119 mm
ALUG704RD160	Red	Painted Black	113.7 x 35.2 x 169 mm
ALUG704BU060	Blue	Painted Black	113.7 x 35.2 x 69 mm
ALUG704BU110	Blue	Painted Black	113.7 x 35.2 x 119 mm
ALUG704BU160	Blue	Painted Black	113.7 x 35.2 x 169 mm
ALUG704BK060	Black	Painted Black	113.7 x 35.2 x 69 mm
ALUG704BK110	Black	Painted Black	113.7 x 35.2 x 119 mm
ALUG704BK160	Black	Painted Black	113.7 x 35.2 x 169 mm
ALUG705GD060	Golden	Painted Black	115.1 x 51.6 x 69 mm
ALUG705GD110	Golden	Painted Black	115.1 x 51.6 x 119 mm
ALUG705GD160	Golden	Painted Black	115.1 x 51.6 x 169 mm
ALUG705SR060	Silver	Painted Black	115.1 x 51.6 x 69 mm
ALUG705SR110	Silver	Painted Black	115.1 x 51.6 x 119 mm
ALUG705SR160	Silver	Painted Black	115.1 x 51.6 x 169 mm
ALUG705RD060	Red	Painted Black	115.1 x 51.6 x 69 mm
ALUG705RD110	Red	Painted Black	115.1 x 51.6 x 119 mm
ALUG705RD160	Red	Painted Black	115.1 x 51.6 x 169 mm
ALUG705BU060	Blue	Painted Black	115.1 x 51.6 x 69 mm
ALUG705BU110	Blue	Painted Black	115.1 x 51.6 x 119 mm
ALUG705BU160	Blue	Painted Black	115.1 x 51.6 x 169 mm
ALUG705BK060	Black	Painted Black	115.1 x 51.6 x 69 mm
ALUG705BK110	Black	Painted Black	115.1 x 51.6 x 119 mm
ALUG705BK160	Black	Painted Black	115.1 x 51.6 x 169 mm
ALUG706GD080	Golden	Painted Black	146.6 x 41.6 x 89 mm

ALUG706GD120	Golden	Painted Black	146.6 x 41.6 x 129 mm
ALUG706GD160	Golden	Painted Black	146.6 x 41.6 x 169 mm
ALUG706GD200	Golden	Painted Black	146.6 x 41.6 x 209 mm
ALUG706SR080	Silver	Painted Black	146.6 x 41.6 x 89 mm
ALUG706SR120	Silver	Painted Black	146.6 x 41.6 x 129 mm
ALUG706SR160	Silver	Painted Black	146.6 x 41.6 x 169 mm
ALUG706SR200	Silver	Painted Black	146.6 x 41.6 x 209 mm
ALUG706RD080	Red	Painted Black	146.6 x 41.6 x 89 mm
ALUG706RD120	Red	Painted Black	146.6 x 41.6 x 129 mm
ALUG706RD160	Red	Painted Black	146.6 x 41.6 x 169 mm
ALUG706RD200	Red	Painted Black	146.6 x 41.6 x 209 mm
ALUG706BU080	Blue	Painted Black	146.6 x 41.6 x 89 mm
ALUG706BU120	Blue	Painted Black	146.6 x 41.6 x 129 mm
ALUG706BU160	Blue	Painted Black	146.6 x 41.6 x 169 mm
ALUG706BU200	Blue	Painted Black	146.6 x 41.6 x 209 mm
ALUG706BK080	Black	Painted Black	146.6 x 41.6 x 89 mm
ALUG706BK120	Black	Painted Black	146.6 x 41.6 x 129 mm
ALUG706BK160	Black	Painted Black	146.6 x 41.6 x 169 mm
ALUG706BK200	Black	Painted Black	146.6 x 41.6 x 209 mm
ALUG708GD080	Golden	Painted Black	177.6 x 61.1 x 89 mm
ALUG708GD120	Golden	Painted Black	177.6 x 61.1 x 129 mm
ALUG708GD160	Golden	Painted Black	177.6 x 61.1 x 169 mm
ALUG708GD200	Golden	Painted Black	177.6 x 61.1 x 209 mm
ALUG708SR080	Silver	Painted Black	177.6 x 61.1 x 89 mm
ALUG708SR120	Silver	Painted Black	177.6 x 61.1 x 129 mm
ALUG708SR160	Silver	Painted Black	177.6 x 61.1 x 169 mm
ALUG708SR200	Silver	Painted Black	177.6 x 61.1 x 209 mm
ALUG708RD080	Red	Painted Black	177.6 x 61.1 x 89 mm
ALUG708RD120	Red	Painted Black	177.6 x 61.1 x 129 mm
ALUG708RD160	Red	Painted Black	177.6 x 61.1 x 169 mm
ALUG708RD200	Red	Painted Black	177.6 x 61.1 x 209 mm
ALUG708BU080	Blue	Painted Black	177.6 x 61.1 x 89 mm
ALUG708BU120	Blue	Painted Black	177.6 x 61.1 x 129 mm
ALUG708BU160	Blue	Painted Black	177.6 x 61.1 x 169 mm
ALUG708BU200	Blue	Painted Black	177.6 x 61.1 x 209 mm
ALUG708BK080	Black	Painted Black	177.6 x 61.1 x 89 mm

ALUG708BK120	Black	Painted Black	177.6 x 61.1 x 129 mm
ALUG708BK160	Black	Painted Black	177.6 x 61.1 x 169 mm
ALUG708BK200	Black	Painted Black	177.6 x 61.1 x 209 mm

● **TYPE B Series ( Plastic end panel with extruded aluminium body )**



- **Material of the aluminium body : Aluminium alloy 6063**
- **Material of the plastic end panel : UL94-V0 rating of polycarbonate**
- **Color of the aluminium body : Golden <GD> , Silver <SR>, Red <RD> , Blue <BU> & Black <BK> anodized finish**
- **Color of the plastic end panel : Clear, Infra-red , Translucent blue & black**
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Item number	COLOR		External Dimension
	Extruded aluminium body	Plastic end panel	
ALUG702GD040-C	Golden	CLEAR	68.7 x 35.2 x 49 mm
ALUG702GD080-C	Golden	CLEAR	68.7 x 35.2 x 89 mm

ALUG702GD120-C	Golden	CLEAR	68.7 x 35.2 x 129 mm
ALUG702SR040-C	Silver	CLEAR	68.7 x 35.2 x 49 mm
ALUG702SR080-C	Silver	CLEAR	68.7 x 35.2 x 89 mm
ALUG702SR120-C	Silver	CLEAR	68.7 x 35.2 x 129 mm
ALUG702RD040-IR	Red	INFRA RED	68.7 x 35.2 x 49 mm
ALUG702RD080-IR	Red	INFRA RED	68.7 x 35.2 x 89 mm
ALUG702RD120-IR	Red	INFRA RED	68.7 x 35.2 x 129 mm
ALUG702BU040-CBU	Blue	TRANSLUCENT BLUE	68.7 x 35.2 x 49 mm
ALUG702BU080-CBU	Blue	TRANSLUCENT BLUE	68.7 x 35.2 x 89 mm
ALUG702BU120-CBU	Blue	TRANSLUCENT BLUE	68.7 x 35.2 x 129 mm
ALUG702BK040-BK	Black	BLACK	68.7 x 35.2 x 49 mm
ALUG702BK080-BK	Black	BLACK	68.7 x 35.2 x 89 mm
ALUG702BK120-BK	Black	BLACK	68.7 x 35.2 x 129 mm
ALUG704GD060-C	Golden	CLEAR	113.7 x 35.2 x 69 mm
ALUG704GD110-C	Golden	CLEAR	113.7 x 35.2 x 119 mm
ALUG704GD160-C	Golden	CLEAR	113.7 x 35.2 x 169 mm
ALUG704SR060-C	Silver	CLEAR	113.7 x 35.2 x 69 mm
ALUG704SR110-C	Silver	CLEAR	113.7 x 35.2 x 119 mm
ALUG704SR160-C	Silver	CLEAR	113.7 x 35.2 x 169 mm
ALUG704RD060-IR	Red	INFRA RED	113.7 x 35.2 x 69 mm
ALUG704RD110-IR	Red	INFRA RED	113.7 x 35.2 x 119 mm
ALUG704RD160-IR	Red	INFRA RED	113.7 x 35.2 x 169 mm
ALUG704BU060-CBU	Blue	TRANSLUCENT BLUE	113.7 x 35.2 x 69 mm
ALUG704BU110-CBU	Blue	TRANSLUCENT BLUE	113.7 x 35.2 x 119 mm
ALUG704BU160-CBU	Blue	TRANSLUCENT BLUE	113.7 x 35.2 x 169 mm
ALUG704BK060-BK	Black	BLACK	113.7 x 35.2 x 69 mm
ALUG704BK110-BK	Black	BLACK	113.7 x 35.2 x 119 mm
ALUG704BK160-BK	Black	BLACK	113.7 x 35.2 x 169 mm
ALUG705GD060-C	Golden	CLEAR	115.1 x 51.6 x 69 mm

ALUG705GD110-C	Golden	CLEAR	115.1 x 51.6 x 119 mm
ALUG705GD160-C	Golden	CLEAR	115.1 x 51.6 x 169 mm
ALUG705SR060-C	Silver	CLEAR	115.1 x 51.6 x 69 mm
ALUG705SR110-C	Silver	CLEAR	115.1 x 51.6 x 119 mm
ALUG705SR160-C	Silver	CLEAR	115.1 x 51.6 x 169 mm
ALUG705RD060-IR	Red	INFRA RED	115.1 x 51.6 x 69 mm
ALUG705RD110-IR	Red	INFRA RED	115.1 x 51.6 x 119 mm
ALUG705RD160-IR	Red	INFRA RED	115.1 x 51.6 x 169 mm
ALUG705BU060-CBU	Blue	TRANSLUCENT BLUE	115.1 x 51.6 x 69 mm
ALUG705BU110-CBU	Blue	TRANSLUCENT BLUE	115.1 x 51.6 x 119 mm
ALUG705BU160-CBU	Blue	TRANSLUCENT BLUE	115.1 x 51.6 x 169 mm
ALUG705BK060-BK	Black	BLACK	115.1 x 51.6 x 69 mm
ALUG705BK110-BK	Black	BLACK	115.1 x 51.6 x 119 mm
ALUG705BK160-BK	Black	BLACK	115.1 x 51.6 x 169 mm
ALUG706GD080-C	Golden	CLEAR	146.6 x 41.6 x 89 mm
ALUG706GD120-C	Golden	CLEAR	146.6 x 41.6 x 129 mm
ALUG706GD160-C	Golden	CLEAR	146.6 x 41.6 x 169 mm
ALUG706GD200-C	Golden	CLEAR	146.6 x 41.6 x 209 mm
ALUG706SR080-C	Silver	CLEAR	146.6 x 41.6 x 89 mm
ALUG706SR120-C	Silver	CLEAR	146.6 x 41.6 x 129 mm
ALUG706SR160-C	Silver	CLEAR	146.6 x 41.6 x 169 mm
ALUG706SR200-C	Silver	CLEAR	146.6 x 41.6 x 209 mm
ALUG706RD080-IR	Red	INFRA RED	146.6 x 41.6 x 89 mm
ALUG706RD120-IR	Red	INFRA RED	146.6 x 41.6 x 129 mm
ALUG706RD160-IR	Red	INFRA RED	146.6 x 41.6 x 169 mm
ALUG706RD200-IR	Red	INFRA RED	146.6 x 41.6 x 209 mm
ALUG706BU080-CBU	Blue	TRANSLUCENT BLUE	146.6 x 41.6 x 89 mm
ALUG706BU120-CBU	Blue	TRANSLUCENT BLUE	146.6 x 41.6 x 129 mm
ALUG706BU160-CBU	Blue	TRANSLUCENT BLUE	146.6 x 41.6 x 169 mm
ALUG706BU200-CBU	Blue	TRANSLUCENT	146.6 x 41.6 x 209 mm

		BLUE	
ALUG706BK080-BK	Black	BLACK	146.6 x 41.6 x 89 mm
ALUG706BK120-BK	Black	BLACK	146.6 x 41.6 x 129 mm
ALUG706BK160-BK	Black	BLACK	146.6 x 41.6 x 169 mm
ALUG706BK200-BK	Black	BLACK	146.6 x 41.6 x 209 mm
ALUG708GD080-C	Golden	CLEAR	177.6 x 61.1 x 89 mm
ALUG708GD120-C	Golden	CLEAR	177.6 x 61.1 x 129 mm
ALUG708GD160-C	Golden	CLEAR	177.6 x 61.1 x 169 mm
ALUG708GD200-C	Golden	CLEAR	177.6 x 61.1 x 209 mm
ALUG708SR080-C	Silver	CLEAR	177.6 x 61.1 x 89 mm
ALUG708SR120-C	Silver	CLEAR	177.6 x 61.1 x 129 mm
ALUG708SR160-C	Silver	CLEAR	177.6 x 61.1 x 169 mm
ALUG708SR200-C	Silver	CLEAR	177.6 x 61.1 x 209 mm
ALUG708RD080-IR	Red	INFRA RED	177.6 x 61.1 x 89 mm
ALUG708RD120-IR	Red	INFRA RED	177.6 x 61.1 x 129 mm
ALUG708RD160-IR	Red	INFRA RED	177.6 x 61.1 x 169 mm
ALUG708RD200-IR	Red	INFRA RED	177.6 x 61.1 x 209 mm
ALUG708BU080-CBU	Blue	TRANSLUCENT BLUE	177.6 x 61.1 x 89 mm
ALUG708BU120-CBU	Blue	TRANSLUCENT BLUE	177.6 x 61.1 x 129 mm
ALUG708BU160-CBU	Blue	TRANSLUCENT BLUE	177.6 x 61.1 x 169 mm
ALUG708BU200-CBU	Blue	TRANSLUCENT BLUE	177.6 x 61.1 x 209 mm
ALUG708BK080-BK	Black	BLACK	177.6 x 61.1 x 89 mm
ALUG708BK120-BK	Black	BLACK	177.6 x 61.1 x 129 mm
ALUG708BK160-BK	Black	BLACK	177.6 x 61.1 x 169 mm
ALUG708BK200-BK	Black	BLACK	177.6 x 61.1 x 209 mm

## Wall mounting bracket





Item number	COLOR	External Dimension
ALMF-002PBK	Painted Black	25 x 18 x 3 mm

- Material of the wall mounting bracket : Aluminium alloy ADC-12
- Color of the wall mounting bracket : Black <BK> powder coating

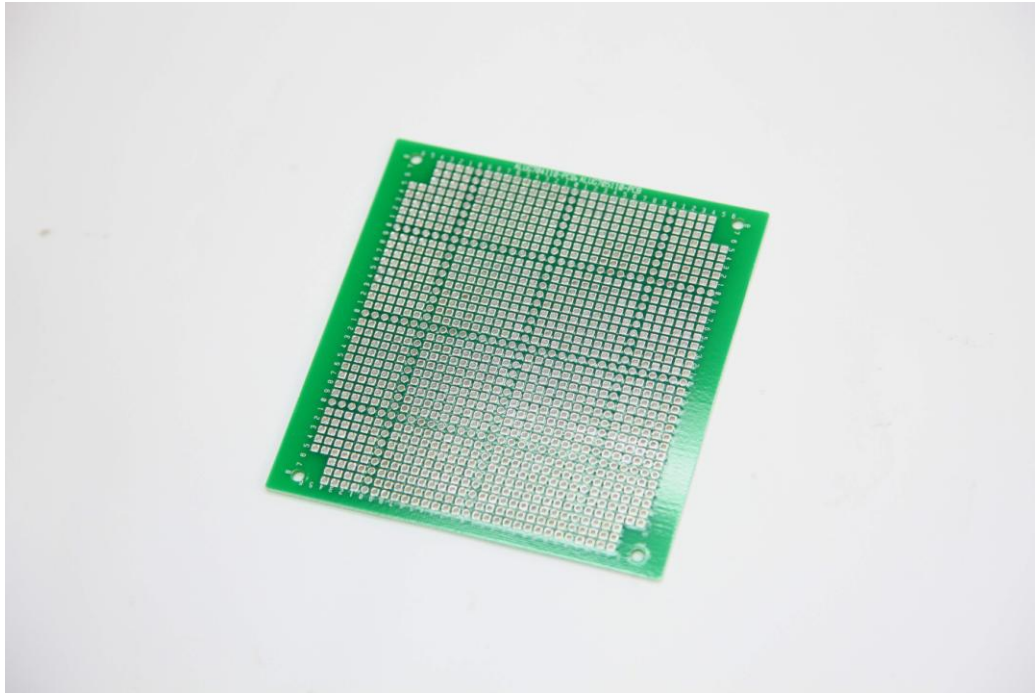
## Continuous Rubber seal



- Material of the continuous rubber seal : CR ( Neoprene )
- Color of the continuous rubber seal : Black

Item number	COLOR	External Dimension
ALUG702-SEAL	Black	64.7 x 31.2 x 3 mm
ALUG704-SEAL	Black	109.7 x 31.2 x 3 mm
ALUG705-SEAL	Black	109.7 x 46.2 x 3 mm
ALUG706-SEAL	Black	141.2 x 36.2 x 3 mm
ALUG708-SEAL	Black	171.2 x 54.7 x 3 mm

## Optional PCB



- Material of the PCB : Glass epoxy board (FR-4 ) ,both sides ,
- Thickness of the PCB is 1.6mm, hole & hole distance is 2.54mm
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Item number	External Dimension
ALUG702040-PCB	32 x 53.3 x 1.6 mm
ALUG702080-PCB	72 x 53.3 x 1.6 mm
ALUG702120-PCB	112 x 53.3 x 1.6 mm
ALUG704060-PCB	52 x 98.3 x 1.6 mm
ALUG704110-PCB	102 x 98.3 x 1.6 mm
ALUG704160-PCB	152 x 98.3 x 1.6 mm
ALUG705060-PCB	52 x 98.3 x 1.6 mm
ALUG705110-PCB	102 x 98.3 x 1.6 mm
ALUG705160-PCB	152 x 98.3 x 1.6 mm
ALUG706080-PCB	72 x 129.8 x 1.6 mm
ALUG706120-PCB	112 x 129.8 x 1.6 mm
ALUG706160-PCB	152 x 129.8 x 1.6 mm
ALUG706200-PCB	192 x 129.8 x 1.6 mm

ALUG708080-PCB	72 x 159.8 x 1.6 mm
ALUG708120-PCB	112 x 159.8 x 1.6 mm
ALUG708160-PCB	152 x 159.8 x 1.6 mm
ALUG708200-PCB	192 x 159.8 x 1.6 mm

## Optional PCB stopper

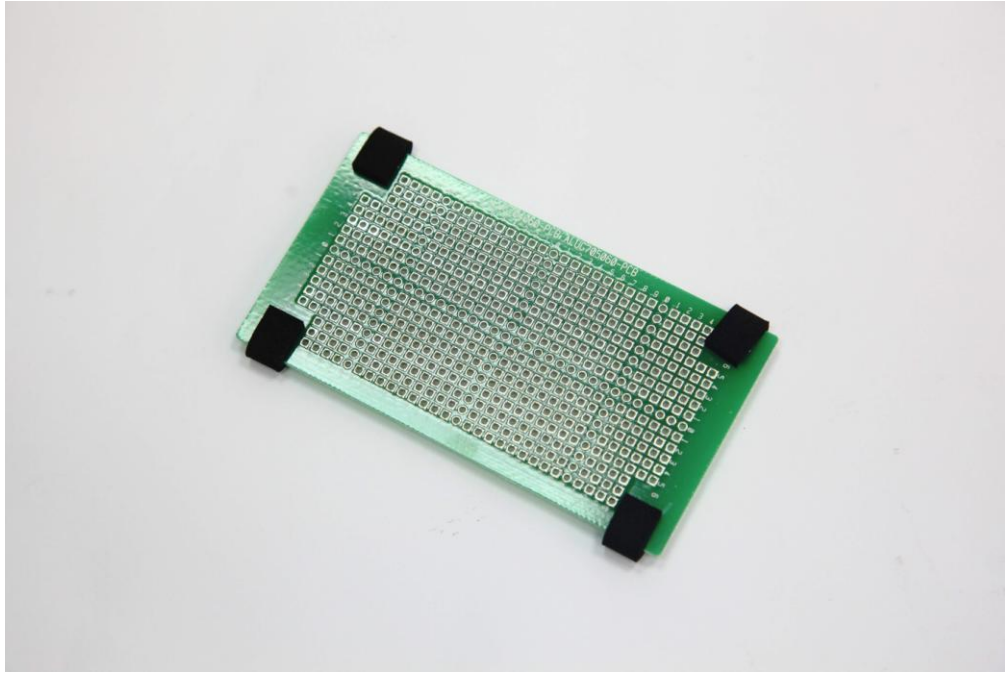


- **Material of PCB Stopper : CR (Neoprene ) with 3M Glue adhesive tape**
- **20 PCS/BAG**

Item number	External Dimension
ALUG7XX-PCBSTOP	22 X 8 x 3 mm

## Application →

**Affix the PCB STOPPER on the four corners of the PCB**



The PCB is able to be installed inside of the aluminium body well

