

WEATHERPROOF CABINETS AUSRACK IP

Overview

Ausrack IP is a IP66 rated, 19" cabinet system designed to protect sensitive network equipment from harsh environments where equipment may be exposed to dust or water.

Ausrack IP cabinets are available in 11, 15, 24, 32, 38 and 42RU heights, with depths of 400, 500 and 600mm and in materials of zinc coated and 316 stainless steels.



Features

- NATA certified IP66 protection rating
- Front and rear adjustable 19" rack rails
- Three point locking system
- Gutter system
- Polyurethane gasket sealing
- Optional viewing window
- Earth strap kit
- Powder coating on zinc coated steel option

Inclusions

- Front and rear pair of adjustable 19" mounting rails
- Gland plate (fitted internal or external)
- 3 point locking system
- 7mm square turnbuckle lock on 11, 15, 24RU cabinets (IP020 on zinc coated steel and black powdercoated lock with stainless steel insert on stainless steel)
- Lockable 'L' handles on 32, 38, 42RU cabinets
- Removable back panel
- Earth strap kit



Zinc Coated Steel



Stainless Steel



Aluminium

Model Sizes



Zinc Coated Steel Construction

Model No	Material	Height (RU)	Dimensions (mm)				Usable Depth
			Height	Width	Depth	Thk	
ARIP11U64	Zinc-coated steel	11	600	600	400	1.6	360
ARIP15U64	Zinc-coated steel	15	800	600	400	1.6	360
ARIP15U65	Zinc-coated steel	15	800	600	500	1.6	460
ARIP15U66	Zinc-coated steel	15	800	600	600	1.6	560
ARIP24U64	Zinc-coated steel	24	1200	600	400	1.6	360
ARIP24U65	Zinc-coated steel	24	1200	600	500	1.6	460
ARIP24U66	Zinc-coated steel	24	1200	600	600	1.6	560
ARIP32U66	Zinc-coated steel	32	1600	600	600	1.6	560
ARIP38U65	Zinc-coated steel	38	1800	600	500	1.6	460
ARIP42U65	Zinc-coated steel	42	2000	600	500	1.6	460
ARIP42U66	Zinc-coated steel	42	2000	600	600	1.6	560

For dimension drawing see page 59



316 Stainless Steel Construction

Model No	Material	Height (RU)	Dimensions (mm)				Usable Depth
			Height	Width	Depth	Thk	
ARIP11U64/S	316 stainless steel	11	600	600	400	1.5	360
ARIP15U64/S	316 stainless steel	15	800	600	400	1.5	360
ARIP15U65/S	316 stainless steel	15	800	600	500	1.5	460
ARIP15U66/S	316 stainless steel	15	800	600	600	1.5	560
ARIP24U64/S	316 stainless steel	24	1200	600	400	1.5	360
ARIP24U65/S	316 stainless steel	24	1200	600	500	1.5	460
ARIP24U66/S	316 stainless steel	24	1200	600	600	1.5	560
ARIP32U66/S	316 stainless steel	32	1600	600	600	1.5	560
ARIP38U65/S	316 stainless steel	38	1800	600	500	1.5	460
ARIP42U65/S	316 stainless steel	42	2000	600	500	1.5	460
ARIP42U66/S	316 stainless steel	42	2000	600	600	1.5	560

For dimension drawing see page 59



Aluminium construction available on request

Accessories

Channel Iron Plinth



Hot dipped galvanised, 75mm high plinths provide a rugged floor mounting option for the Ausrack IP range. Only suitable for zinc coated steel.

Model No	Dimensions (mm)			To suit Cabinets
	Height	Width	Depth	
IPPC214	75	600	371	400mm deep
IPPC215	75	600	471	500mm deep
IPPC216	75	600	571	600mm deep



Rainhoods

Rainhoods are designed to shed water from the top on the enclosure, and to prevent water from pooling on the enclosure top.

Model No	Dimensions (mm)			Material	To suit Cabinets
	Width	Depth	Slope Angle		
IPRH214	600	414	1.4		400mm deep
IPRH215	600	514	1.1		500mm deep
IPRH216	600	614	0.9		600mm deep
IPRH214/S	600	414	1.4		400mm deep
IPRH215/S	600	514	1.1		500mm deep
IPRH216/S	600	614	0.9		600mm deep

Shelves

Model No	Description	Dimensions (mm)			To suit Cabinets
		Height	Width	Depth	
AR350CS	Cantilever shelf, 10kg rating	2RU	440	210	All
AR450CS*	Cantilever shelf, 10kg rating	2RU	440	360	500 & 600mm deep

* Not available for 400mm deep models

Accessories

Power Rails

Power rails have overcurrent protection, a 2.5m length flex, and a 3 flat pin plug. The 15A models have a 3 flat pin plug with captive ring.

Model No	Description	Outlet No	Outlet Style	Plug	Height (RU)
ARPH5W10	Power rail, horizontal	5	10A GPO	10A	1
ARPH5W15	Power rail, horizontal	5	10A GPO	15A	1
ARPH10W10	Power rail, horizontal	10	10A GPO	10A	2
ARPH10W15	Power rail, horizontal	10	10A GPO	15A	2



Fans, External Cabinet

External cabinet fans provide additional air circulation through the enclosure. Use with external vent kit below. They are rated to IP44 as standard, or IP54 with the high capacity EU5 filter (purchased separately).

Note: Fans shown below are suitable for 240V, 50-60Hz supply. 24 and 48V DC options are also available.

Model No	Description	Dimensions (mm)			Approx Flow (m ³ /hr)	Power (W)
		Height	Width	Depth		
TX-FAN12BN0A	External fan	150	150	77	55	20
TX-FAN23BN0A	External fan	250	250	111	110	20
TX-FAN25BN0A	External fan	250	250	119	230	56
TX-FAN35BN0A	External fan	325	325	151	550	90



Filters

Model No	Description	Dimensions (mm)			To Suit
		Height	Width	Depth	
TX-FIL12XN0A	Filter	150	150	25	TX-FAN12BN0A Fan
TX-FIL25XN0A	Filter	250	250	30	TX-FAN23BN0A & TX-FAN25BN0A Fans
TX-FIL35XN0A	Filter	325	325	30	TX-FAN35BN0A Fan

Vent Kit, External

Supplied with gasket, insert filter and fixings.

Model No	Description	Dimensions (mm)			To Suit
		Height	Width	Depth	
IPVK	Vent kit – steel	130	130	-	80x80mm cutout
IPVK/S	Vent kit – 316SS	130	130	-	80x80mm cutout



Air Conditioners and Heat Exchangers

B&R Data Systems provide a complete range of air conditioners and heat exchangers suitable for Ausrack IP enclosures. For more details, please contact your local B&R Data Systems office.

Accessories

Vent Hoods

Vent hoods have been designed for the range of fans and filters, ensure that the fan is protected mechanically, and further help protect from water and dust ingress.

Model No	Description		To suit
IPVH12	Vent Hood		FAN/FIL12
IPVH25	Vent Hood		FAN/FIL23 FAN/FIL25
IPVH35	Vent Hood		FAN/FIL35
IPVH12/S	Vent Hood		FAN/FIL12
IPVH25/S	Vent Hood		FAN/FIL23 FAN/FIL25
IPVH35/S	Vent Hood		FAN/FIL35



Locks

For security and enhanced operation, B&R Data Systems offer a range of locks for the Ausrack IP Enclosure.

Model No	Description
IP020	Standard turnbuckle lock
IP020/S	Stainless steel turnbuckle lock
IP111	Non-lockable wing knob
IP030	Lockable wing knob – standard key code 92268
IP040	Lockable 'T' handle – standard key code 92268
IP050	Lockable 'L' handle – standard key code 92268
IP052	Padlockable 'L' handle
IP060	Padlockable swing handle – chrome
IP060/S	Padlockable swing handle – stainless steel



Accessories

19" Blanking Panels

Blanking panels are used to control airflow in the rack. They are manufactured from 1.2 mm steel and finished in a matt black powdercoat paint.

Model No	Description	Height (RU)	Dimensions (mm)	
			Height	Width
EBP1U	Blanking panel	1	44	483
EBP2U	Blanking panel	2	88	483
EBP3U	Blanking panel	3	132	483
EBP4U	Blanking panel	4	177	483
EBP5U	Blanking panel	5	222	483
EBP6U	Blanking panel	6	266	483



19" Fixed Universal Rail

Universal Rail made of 2mm Zinc passivated steel angle designed for cage nut mounting of 19" equipment. It is depth adjustable in the enclosure, and may be cut down to length.

Model No	Description	Dimensions (mm)		
		Height	Width	Depth
UV19	Universal Rail	1946	58.5	76

General & Mounting Accessories

Model No	Description
ARCN	M6 cage nuts, screws & washers – pack of 50
MEB/S	Wall mounting bracket – 316 stainless steel
IPPLN	A4 plan holder
IPLTK06	Light kit – fluorescent
IPDS	Door stay kit
IPWM	Wall mounting bracket
IPWM/S	Wall mounting bracket – 316 stainless steel