

# IMRAK® 410

## 19" Wall-mounted Enclosure with Single or Double Section



# IMRAK® 410

## Overview

### Material specification

- **Frame:** Steel 1.0 mm
- **Panel mounting angles:** Steel 2.0 mm
- **Side / rear panels:** Steel 1.0 mm
- **Door:** Metal trim steel 1.0 mm
- **Glass:** Tempered 4.0 mm UNI EN 12150-1
- **IMRAK® 410 load capacity:** 40 Kg

### Standards

- IEC 60297:** Dimensions of mechanical structures of the 482.6 mm (19") series
- DIN 41494:** Basic specification for the 19" construction systems
- EN 60950:** European safety standard for information technology equipment
- VDE 0100:** Installation and Set up of current systems and earthing
- DIN-1249-11:** Glass in building; glass edges

### Colour specification

#### Standard

**RAL 7016**

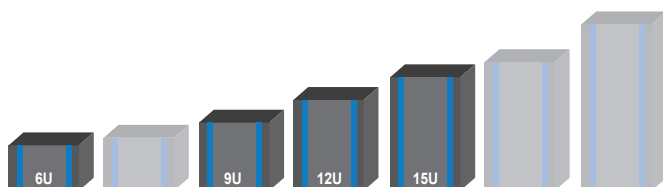
All components

### Dimensions

Wall mount version

Depth: 400 - 500 mm

Width: 600 mm



## Introduction to IMRAK® 410

The IMRAK® 410 is a fully welded wall mounted enclosure, combining compact dimensions with structural strength. In common with the rest of the IMRAK® range of dedicated datacom enclosures, it is particularly cable-friendly, providing excellent cable access and protection. Panel mount support rails provide cable management space at the front and on both sides of the 19" panel mounts. Clip-in top and base gland plates allow easy cable access. IMRAK® 410 is quick and straight forward to install, even on irregular walls. It is also attractive in design, with anthracite grey textured paint and elegant trim, making the enclosure suitable for office environments.

Pre-punched fan patterns in the top and base, covered by clip-in blanks, provide additional ventilation options. IMRAK® 410 has reversible lockable doors, 19" panel mounts and vented panels as standard to give network installers the confidence that the enclosure environment is totally appropriate for optimum network performance. An optional top-mounted 1U fan tray can be installed for improved cooling.

An optional 100 mm rear section with reversible hinges allows the front to swing out by more than 90° for easy access. A single key point lock secures the front to the rear section (2 keys supplied).

### Key Features:

- 4 height options: 6U, 9U, 12U and 15U
- 2 depth options : 400 mm and 500 mm
- 40 Kg load capacity
- Glass or metal front door with reversible opening and keylock
- Optional 100 mm rear section allows front to swing out to 90° for easy access
- Vast selection of accessories for specific application



IMRAK® 410 - Single section



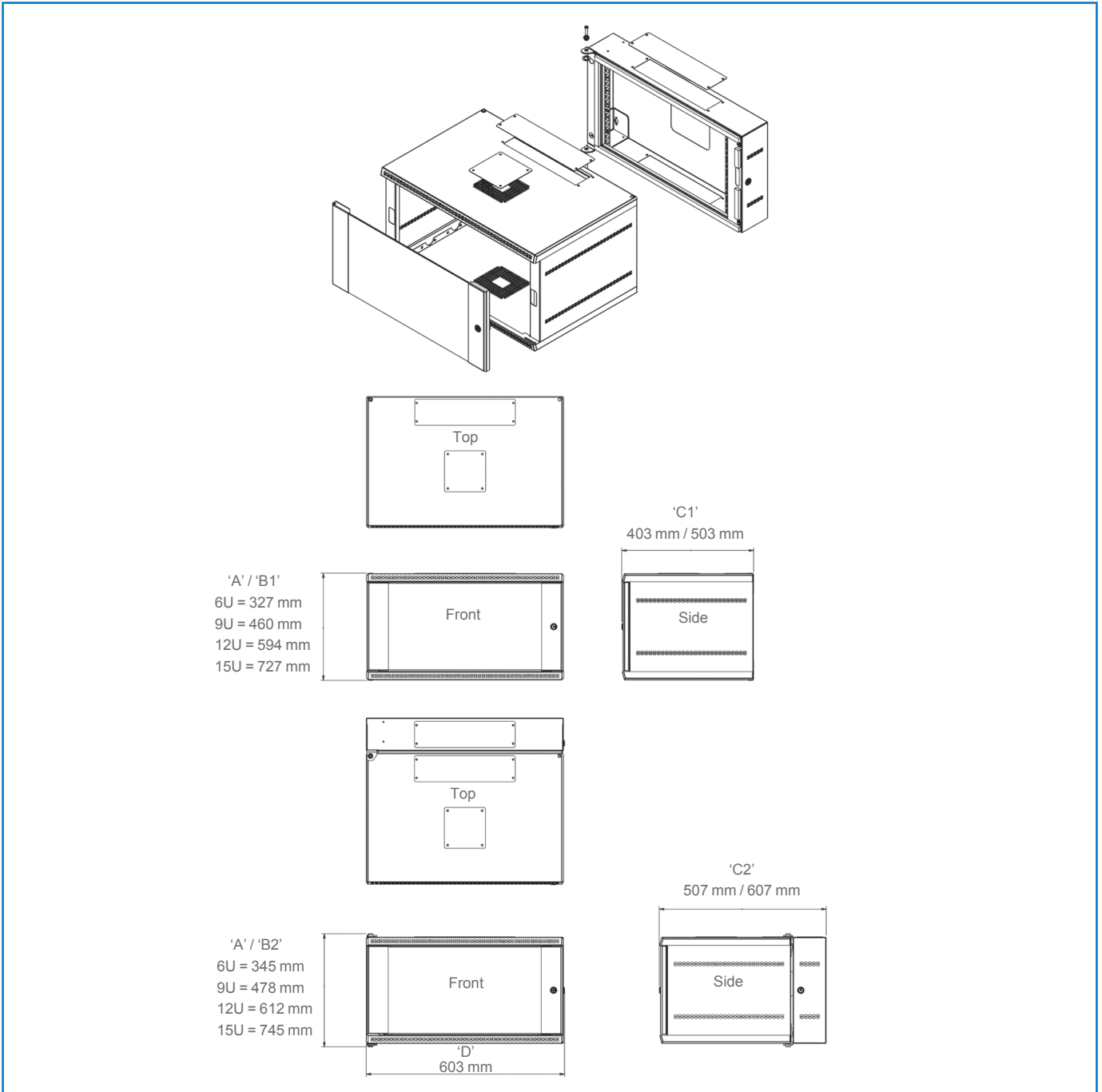
IMRAK® 410 - Double section



IMRAK® 410 - Front view

# IMRAK® 410

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'A' = Height unit	'B' = Height (mm)		'C' = Depth (mm)		'D' = Width (mm)
	'B1' front section	'B2' with retrosection	'C1' front section	'C2' with retrosection	
6U	327		403 / 503		603
9U	460		403 / 503		603
12U	594		403 / 503		603
15U	727		403 / 503		603
6U		345		507 / 607	603
9U		478		507 / 607	603
12U		612		507 / 607	603
15U		745		507 / 607	603

### Contents of kit - Primary Plus cabinet builds

Description	Qty	Finish
Top cover	1	Anthracite RAL 7016
Bottom cover	1	Anthracite RAL 7016
Cable passage entry	2	Anthracite RAL 7016
Side panels	2	Anthracite RAL 7016
Glass door	1	Anthracite RAL 7016
19" panel mounts	2	Black RAL 9005
Fixings		

### Ordering information

#### IMRAK® 410 Primary cabinet built with glass door

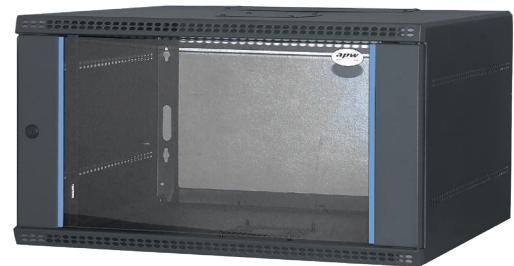
Dimensions	Net weight for kit (Kg)	Anthracite RAL 7016 Order code
H(U) x W x D		
6U 600x400 mm	10.5 Kg	VT937-288111
6U 600x500 mm	12.5 Kg	VT937-288115
9U 600x400 mm	12.5 Kg	VT937-288112
9U 600x500 mm	14.5 Kg	VT937-288116
12U 600x400 mm	14.5 Kg	VT937-288113
12U 600x500 mm	16.5 Kg	VT937-288117
15U 600x400 mm	16.5 Kg	VT937-288114
15U 600x500 mm	18.5 Kg	VT937-288118

#### Hinged Rear Section

Dimensions	Net weight for kit (Kg)	Anthracite RAL 7016 Order code
H(U) x W x D		
6U / 100 mm	4.7 Kg	VT937-288123
9U / 100 mm	5.7 Kg	VT937-288124
12U / 100 mm	6.5 Kg	VT937-288125
15U / 100 mm	7.3 Kg	VT937-288126



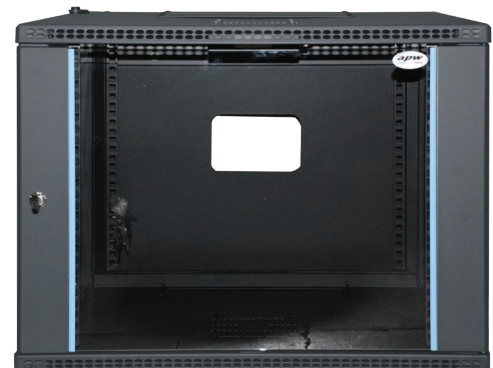
IMRAK® 410 - Front view



IMRAK® 410 - 6U version



IMRAK® 410  
Rear view - 15U version



IMRAK® 410 - 9U version

# IMRAK® 410

## Accessories

### Thermal kit

Description	Order code
Thermal kit	<a href="#">VK548-598652</a>



Thermal kit

### Brush cable entry panel

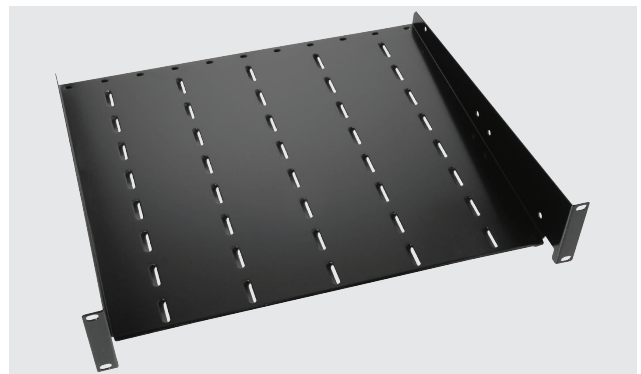
Description	Order code
Cable entry panel with brush	<a href="#">VA937-598663</a>



Brush cable entry panel

### Sliding shelves kit

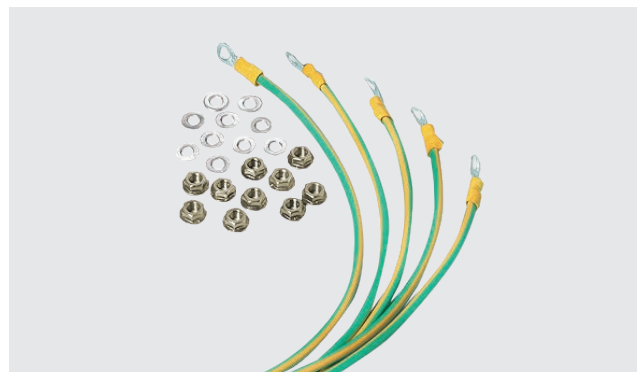
Description	Order code
255 mm deep sliding shelves kit	<a href="#">VK593-599790</a>
400 mm deep sliding shelves kit	<a href="#">VK593-599791</a>



Sliding shelves kit

### Earth continuity kit

Description	Order code
Earth continuity kit	<a href="#">VK937-598513</a>



Earth continuity kit

### Single and double cable hoops kit

Description	Order code
Double cable metal hoops kit 10 pcs.	<a href="#">VK385-775723</a>
Single cable metal hoops kit 10 pcs.	<a href="#">VK385-775724</a>
Single cable plastic hoops kit 10 pcs.	<a href="#">VK385-776232</a>

### Cable management panels kit

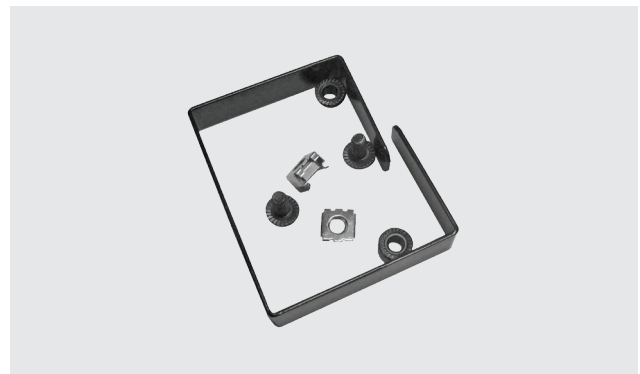
Description	Order code
1U 19" cable management panel w/metal hoops	<a href="#">VK385-776196</a>
1U 19" cable management panel w/plastic hops	<a href="#">VK385-776229</a>

### Caged nuts and fixings

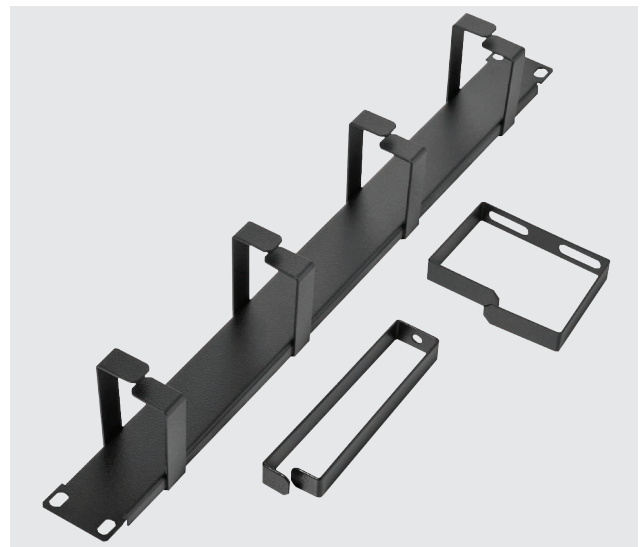
Description	Order code
M6 caged nuts kit 50 pcs.	<a href="#">VK385-776190</a>
M6 x 12 mm pozi-drive screws and cup washers kit 50 pcs.	<a href="#">VK385-776191</a>



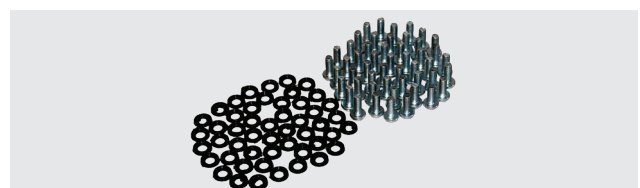
Single cable plastic hoops kit



Single cable metal hoops kit



Cable management panels kit



Caged nuts and fixings



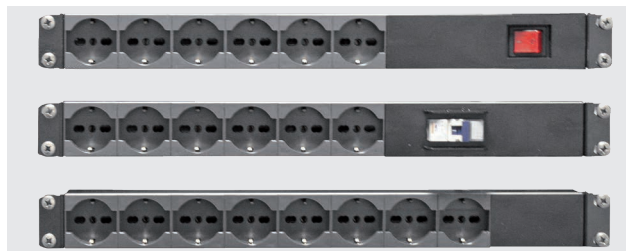
# IMRAK® 410

## Power Distribution Unit

### Power Distribution Unit

#### 1U 19" rackmount multistandard aluminum PDU

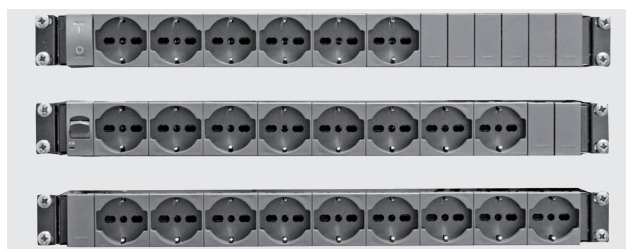
N. sockets	A	Protection	Cable & Plug	Order code
6	16A	--	2 mt + Schuko	<a href="#">C06ALMST-SI2S</a>
6	16A	illuminated switch	2 mt + Schuko	<a href="#">C06ALMST-IL2S</a>
7	16A	MGT 2P+N	2 mt + Schuko	<a href="#">C07ALMST-MT2S</a>
8	16A	--	2 mt + Schuko	<a href="#">C08ALMST-SI2S</a>
8	16A	illuminated switch	2 mt + Schuko	<a href="#">C08ALMST-IL2S</a>



Multistandard aluminum PDU

#### 1U 19" rackmount multistandard steel PDU

N. sockets	A	Protection	Cable & Plug	Order code
6	16A	--	2 mt + Schuko	<a href="#">K06MET-SI2S</a>
6	16A	illuminated switch	2 mt + Schuko	<a href="#">K06MET-IL2S</a>
6	16A	MGT 2P+N	2 mt + Schuko	<a href="#">K06MET-MT2S</a>
8	16A	--	2 mt + Schuko	<a href="#">K08MET-SI2S</a>
8	16A	illuminated switch	2 mt + Schuko	<a href="#">K08MET-IL2S</a>
9	16A	MGT 2P+N	2 mt + Schuko	<a href="#">K09MET-MT2S</a>



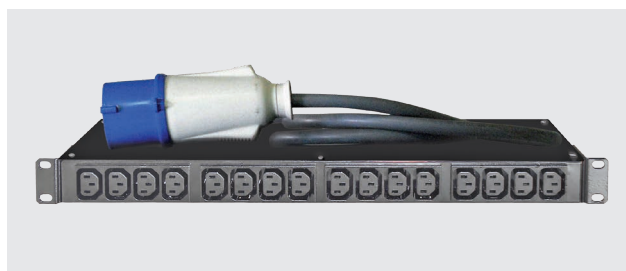
Multistandard steel PDU

#### 1U 19" rackmount IEC C13 steel PDU

N. sockets	A	Protection	Cable & Plug	Order code
8	16A	illuminated switch	2 mt + Schuko	<a href="#">C08MET-16AC13IECIL2S</a>
8	16A	MGT 2P+N	2 mt + Schuko	<a href="#">C08MET-16AC13IECMT2S</a>
12	16A	illuminated switch	2 mt + Schuko	<a href="#">C12MET-16AC13IECIL2S</a>
16	16A	--	3 mt + IEC 60309	<a href="#">K16MET-16AC13IECIND3MT</a>
16	32A	--	3 mt + IEC 60309	<a href="#">K16MET-32AC13IECIND3MT</a>



IEC C13 8/12 sockets steel PDU



IEC C13 16 sockets steel PDU



GOMA ELETTRONICA SpA  
10146 Torino - Italy  
Strada Antica di Collegno, 225

Tel: +39 011 7725024

Fax: +39 011 712298

[www.gomaelettronica.it](http://www.gomaelettronica.it)

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