INSTALLATION GUIDE
ENGLISH v1.0
code: **RS4281**
Name: **42U RACK server cabinet, floor standing, ready-to-assemble 800x1000**

IM RS4281
Edition: 1 from 20.02.2020
Supersedes: ----------

EN

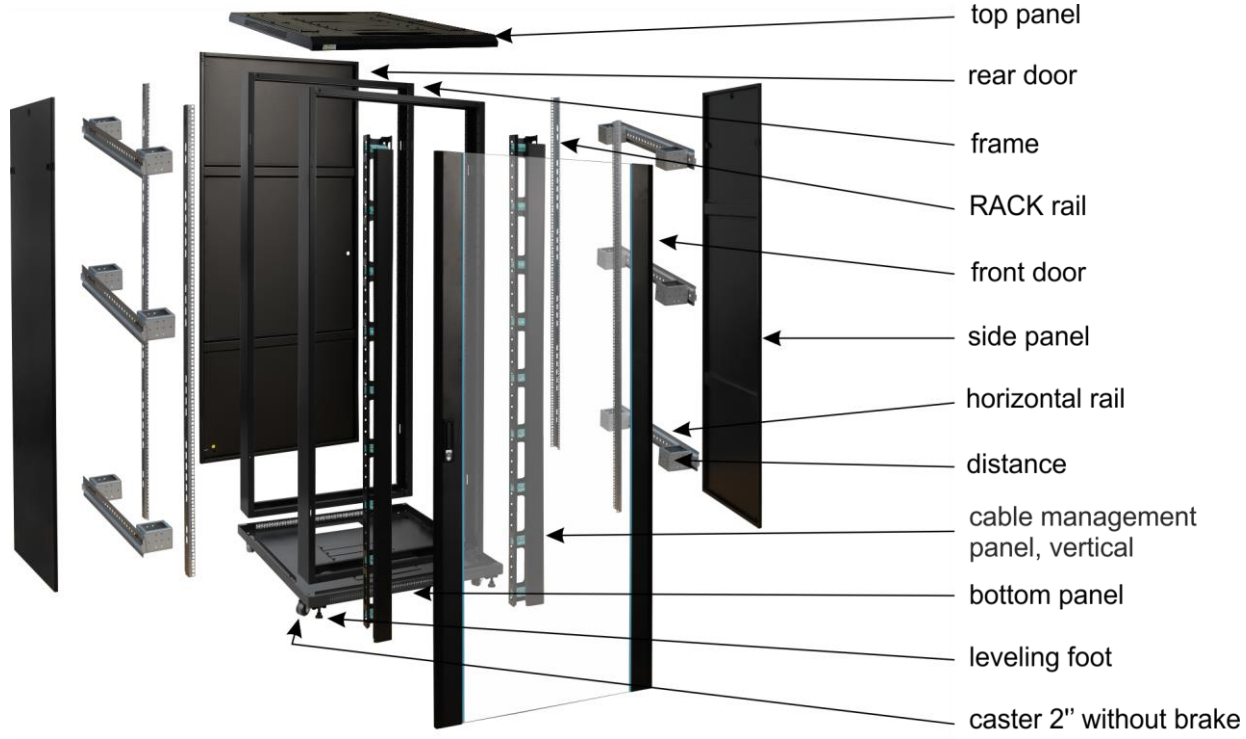
1. Intended use:

The RACK 19” cabinet enables integrating CCTV, AC, I&HAS, RTV, LAN, or other systems in medium and big companies. It is intended for devices manufactured in enclosures of the 19" standard. Due to the RACK cabinets, the devices are aesthetically mounted and protected against mechanical damage.

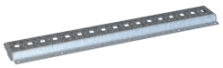
2. Specifications:

SPECIFICATIONS	
Mounting dimensions:	**W=19", H=42U, D=782mm**
External dimensions:	**W=800, H=2055, D=1000 [mm, +/-2]**
Net/gross weight:	**136 / 142 [kg]**
Materials:	**- RACK mounting rails: cold-rolled steel SPCC 2mm RAL 9004 - bolted - horizontal mounting rails: cold-rolled steel SPCC 1,5mm - bolted - frame: cold-rolled steel SPCC 1,2mm RAL 9004 - welded - front door: 5mm toughened glass / SPCC 1,2mm RAL 9004 - hinged - side panel: cold-rolled steel SPCC 1,2mm RAL 9004 - removable - rear door: cold-rolled steel SPCC 1,2mm RAL 9004 - hinged**
Static load:	**1000 kg (with leveling feet)**
Use:	**inside, IP20**
Notes:	**- adjustable distance between front and rear RACK rails - ventilation holes in the top and bottom panel - possible mounting of a fan unit in the top panels - RAWP (max. 3 pcs.) - cable ducts in the top and bottom panel - two cable management panels, vertical, mounted in front of cabinet - 4 casters without locks and 4 leveling feet included - possible assembly of a 100mm high plinth - RAC188M - lockable front door (2 keys in set) - lockable rear door (2 keys in set) - side panel - lock assembly possible - RAZB16 - ready-to-assemble**
Declarations, warranty:	**RoHS, 12 months from the date of purchase**

3. Structure of the RACK cabinet.



4. Components

Number	Component	Amount	Foto
1	Top panel	1 pcs.	
2	Bottom panel	1 pcs.	
3	Front doors	1 pcs.	
4	Rear door	1 pcs.	
5	Side panel	2 pcs.	
6	Cabinet frame	2 pcs.	
7	Horizontal rail	6 pcs.	
8	Distance	12 pcs.	
9	RACK 19” 42U rail	4 pcs.	
10	Cable management panel, vertical	2 pcs.	
11	Cable gland end cup (upper)	2 pcs.	
12	Cable gland end cup (lower)	2 pcs.	

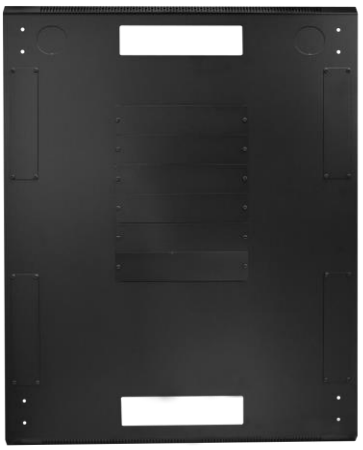
Number	Component	Amount	Foto
13	Lock- rear door RAZ25	1 pcs.	
14	Side door distance	4 pcs.	
15	"2” wheel without lock"	4 pcs.	
16	Leveling foot	4 pcs.	
17	M8x12 Head Cap Screw	16 pcs.	
18	M8 nut	16 pcs.	
19	10mm Phillips screw	92 pcs.	
20	M5 nut, spring washer	2 pcs.	
21	Spacer for front/rear doors	2 pcs.	
22	M6x12 Phillips screw	40 pcs.	
23	M6 nut („cage nut”)	40 pcs.	
24	Cross / hexagon wrench	1 pcs.	

5. Assembling instructions of RACK:

The free standing, ready-to-assemble RACK cabinet is delivered in 5 separate packages.

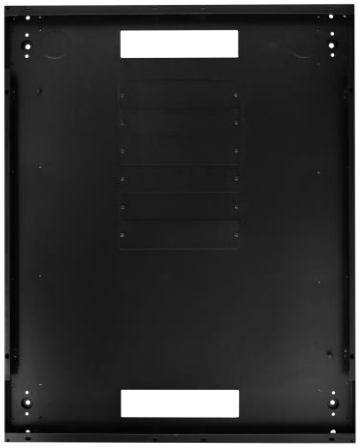
5.1) Place horizontally two RACK cabinet frames with both top and bottom plates.
Pay attention to the grounding in the frame - as shown in the drawing

Top panel - back



Top panel - lens

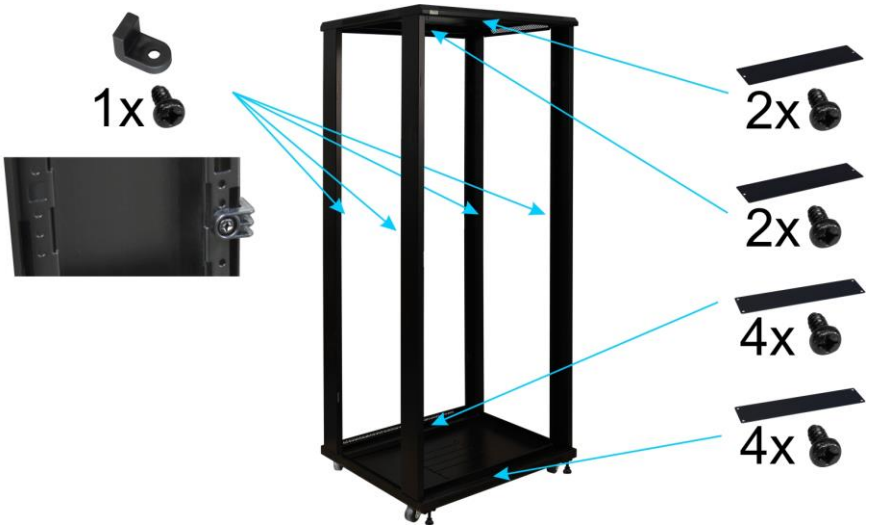
Bottom panel - back



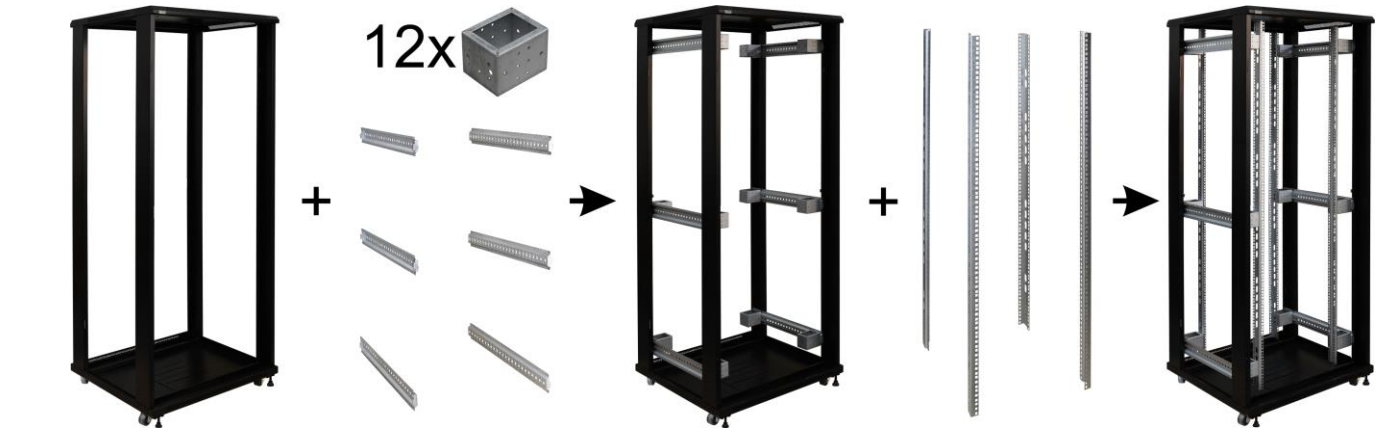
Bottom panel - lens

5.2) Mount the top plate and bottom plate to the left and right frames of the RACK cabinet, respectively.
Use M8x12 Head Cap Screws with M8 nuts (16pcs). Screw the cabinet **wheels** and **legs** to the bottom plate of the cabinet.

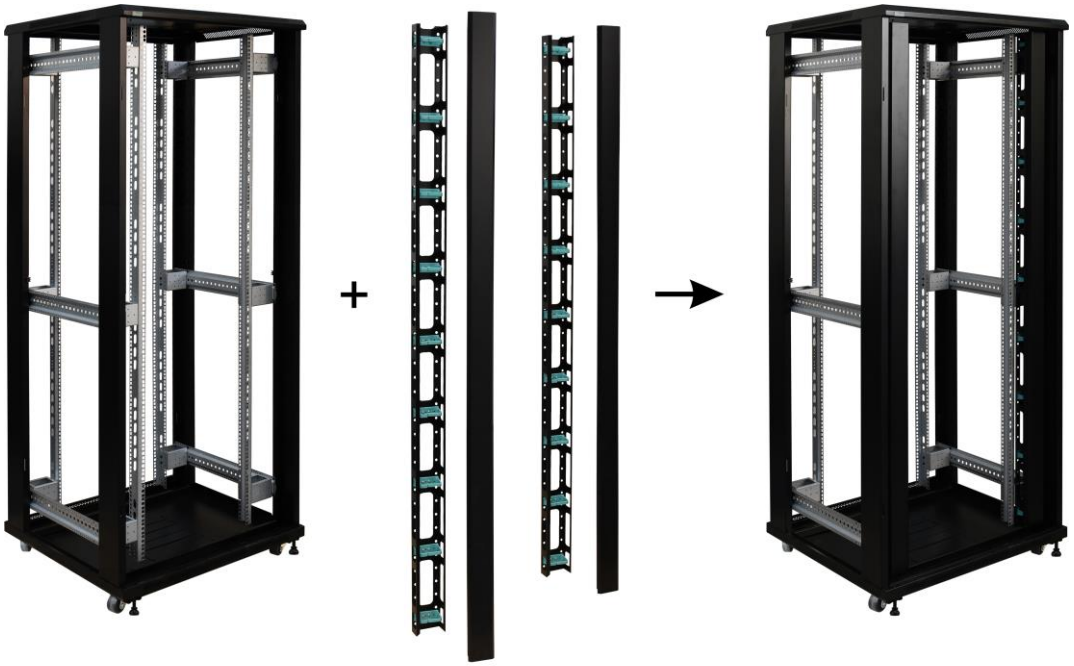
5.3) Place the RACK cabinet vertically and mount:
- Cable gland end cups (up and down) –screw 10mm (black) - 12pcs
- side door distance – screw 10mm – 4pcs

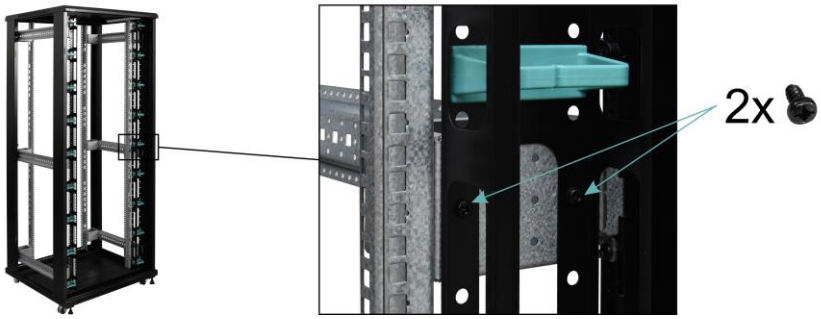


5.4) Mount to frames (in front and back) cross profiles, distances and RACK profiles as shown below.

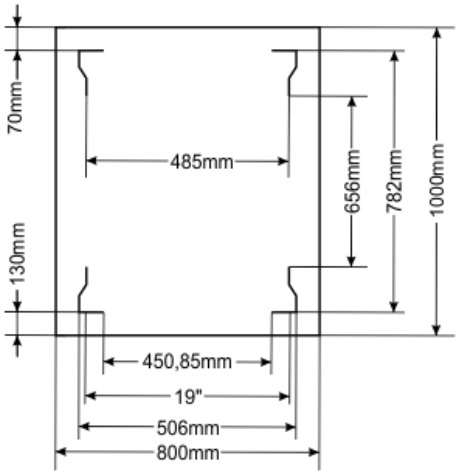


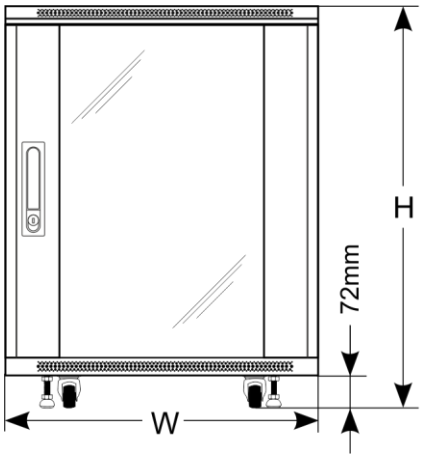
5.5) Screw vertical cable management panels to mounted distances

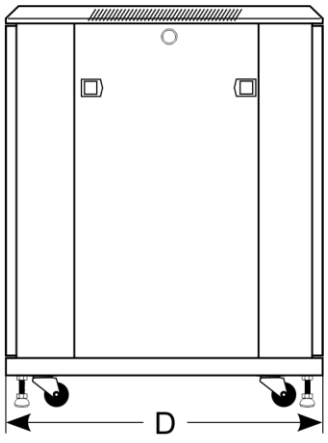




5.6) Installation of front, rear, and side doors







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