


## Ultra-lightweight 19 inch rack case

Designed originally for Electronic News Gathering (ENG) personnel who need their electronic equipment to arrive when they do, SatRack is a unique, lightweight solution for rack-mounted equipment that can be hand carried on commercial airlines as checked luggage, saving time and avoiding additional baggage charges.

The weight limit (without premium) for checked baggage on commercial airlines varies between 50 and 70lbs. SatRack with 4U x 24" frame depth rack weighs only 20lbs allowing over 45lbs of equipment to be fitted. SatRack also complies with IATA maximum dimension limit.

The body shell is constructed from thermo-formed 3/8" honeycomb polypropylene (HPP). HPP has a high strength to weight ratio and is non-crushable. Thermo-forming does not crimp the HPP, giving the angled edges longitudinal strength and rigidity with a stacking capability in excess of 200lb.

The HPP body shell is encased within a 1/8" HDPE foam jacket which helps to insulate the rack and offers cushioning to create a 'carry friendly' piece of ruggedized luggage. HDPE foam is closed cell, alkaline and oil resistant and impervious to the elements.

The outer cover is made from 1000 denier texturised nylon, an abrasion and weather resistant material that is tear-proof and will not rot. Ventilation panels help to keep equipment cool during operation in warmer climates.

### IATA Weight & Size Guidelines:

Checked baggage is accepted according to weight and size.

Each piece must weigh no more than 70lb and measure no more than 62" adding the dimensions: height + width + length.

This "piece concept" was designed for flights to, from and within Canada and USA, but has been adopted by major carriers worldwide.

SatRack 4U x 24" chassis depth weighs only 20lb allowing an additional 45lb of equipment to be fitted and stay inside the limit. It also meets the dimensional requirement.



To protect equipment against shock and vibration, the internal 19 inch chassis is shock mounted on eight cylindrical elastomeric anti vibration mounts. These are set at a 45° angle to offer optimum shock resistance during handling and transit conditions, regardless of orientation.



SatRack has been successfully deployed worldwide by leading ENG organisations and the military including Reuters, CNN, CBC News and ABC.



## Features

- This unique rack case is fully compatible with all 19 inch rack-mountable equipment and is also available with a 1/2 rack chassis width (9.5 inch)
- The rack chassis is supplied with stainless steel sliding, floating, captive 10/32 caged nuts allowing easy fitting of equipment
- As a rack case, equipment does not need to be unpacked and can be configured easily to be operational quickly after arrival.
- The rack frame is suspended by eight elastomeric anti-vibration mounts which provide 1.5 inch of “sway” space between the rack and body shell
- Heavy duty flag stitching around handles resists tearing under strain

## Additional options include:

- Wide range of optional colours available
- Additional ventilation using optional small axial fans
- An optional protective skirt prevents the ingress of dirt, water or small items into the case. When combined with axial fans the fitted skirt helps to control airflow through the case
- Heavier equipment can be further secured with optional support shelves fitted above and below
- Heavy duty YKK No. 10 zips and pullers fitted to front and rear access panels which can be padlocked
- Optional trolley available for easy transit through airports



Special 1/2 size SatRack



Part Code	U height	Chassis Depth (in)	Length (in)	Width (in)	Height (in)	Weight (lb)
SR0319	3	19	24	24	10.8	16.0
SR0419	4	19	24	24	12.5	17.6
SR0519	5	19	24	24	14.3	19.0
SR0324	3	24	29	24	10.8	17.4
SR0424	4	24	29	24	12.5	20.0
SR0524	5	24	29	24	14.3	20.6
Half Rack						
SR0319HR	3	19	24	24	10.8	
SR0419HR	4	19	24	24	12.5	
SR0519HR	5	19	24	24	14.3	
SR0324HR	3	24	29	24	10.8	
SR0424HR	4	24	29	24	12.5	
SR0524HR	5	24	29	24	14.3	

## Options

Code	Description
SR03S	Skirt set for 3U SatRack
SR04S	Skirt set for 4U SatRack
SR05S	Skirt set for 5U SatRack
SRT001	SatRack trolley
SRF01	Large fan
SRF02	Small fan
SRLH01	Label Holder
SR423	Spare rack fixings



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