

## Welcome:

This is the 20th edition of TecNews, the newsletter from Verotec. In this issue we feature Verotec's range of 19inch Rack Cases and the Veroshield enclosure. We also discuss a special application for KM6II subracks and KM6 modules used in the mobile secure data market.

## Latest News:

This month sees the launch of two new products, both based around our 19" open frame and available in 12U, 37U and 42U heights. Labrak360 is a floor standing version, aimed at the laboratory or test environment where 360 degree access is provided to the 19" equipment. Commsrak is the wall-mounted alternative suitable for 19" cabling / patching applications where 4 x heavy duty brackets support the frame and provide 400mm of usable rear space. Both are rated for a static load of 150KG and have the option of an earth kit.



Commsrak

Labrak360

If you would like to know more then please contact Verotec's sales team on 02380 246900 or e-mail [sales@verotec.co.uk](mailto:sales@verotec.co.uk)

## Headlines

- **Welcome / Latest News: Commsrak & Labrak360**
- **Product Feature: Rack Case & Veroshield**
- **Recent Projects: KM6 II Subracks for Secure Data**

## Product Feature: 19" Rack Case & Veroshield

Verotec's **19inch Rack Cases** are designed to offer a simple solution to a variety of 19inch mounting applications. The design allows numerous variations of the case to be assembled, depending upon the use to which it is being put. It offers a high degree of flexibility for the design engineer, using common piece parts and the 19inch rack case is available in a number of finishes, which enhance its ability to be tailored to specific 19inch applications.

19inch Rack Cases are available in heights of 1U to 6U and depths up to 450mm. Piece parts for units up to 4U can be purchased from stock. There are 3 depths of accessory chassis trays available to facilitate the mounting of components within the enclosure.



Verotec's **Veroshield** case is designed for applications that demand a high level of EMC screening, without compromising strength and usability. Veroshield cases are constructed from 0.9mm galvanised steel to maintain conductivity with a 19inch 3mm aluminium front panel external to the main enclosure to provide an excellent frontal appearance when the unit is mounted in a rack or desktop case. The Veroshield case is available in 1U, 2U & 3U heights and 2 depths of 265mm and 365mm

## Recent Projects: KM6 II Subracks for Secure Data

Verotec have recently designed and supplied a number of special subrack / module assemblies for a secure data application. Each subrack consisted of a single board computer, custom battery module and 5 x custom card readers - all adopting the standard Eurocard form factor. Most of the product requirements were able to be met with standard, off the shelf components from our extensive KM6 subrack range with only the module front panels requiring modification to accept the various components and connectors from the PCBs. Each part was modelled during the design phase to create a 3D model of the complete assembly to ensure that everything would fit together before manufacture.



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