



M2sat KaSatPro Terminal Equipment



Fixed antenna

- 71x77cm antenna
- Universal mount
- 1 coax cable from antenna to modem



Fly-away antenna

- 0.75 m flyaway antenna
- IATA compliant cases (< 35kg each)
- Deployment in 15 min by 1 person



Drive-away unit

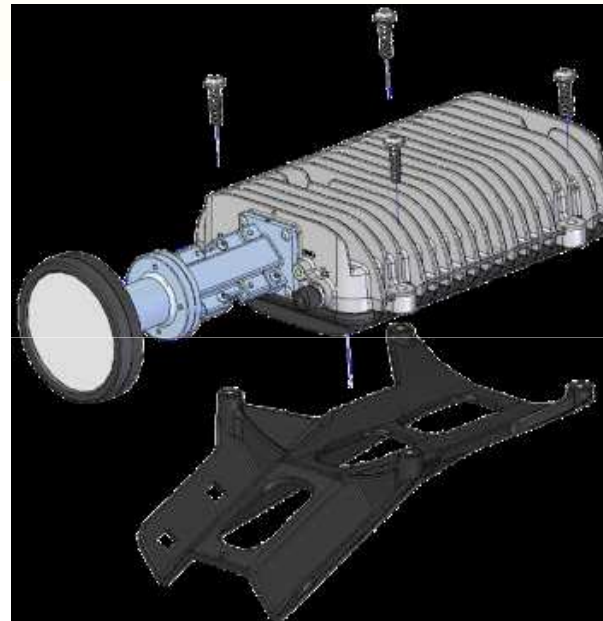
- Up to 10Mbps duplex, Eutelsat approved
- One button, auto-pointing KA-SAT satellite on 360°



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KaSatPro
Outdoor Unit - TRIA

4 Watt (Pro)



« TRIA » (Transmit-Receive Integrated Assembly)

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KaSatPro Modem

KaSatPro Advanced Modem



20 Mbit Tx • 50 Mbit Rx

- KaSatPro Advanced Modems have automatically implemented the use of ACM (Adaptive Code and Modulation).
- In case of rain fade, the modem will first of all try to compensate by increasing the transmission power.
- In case the transmission power is not sufficient for compensating the attenuation caused by rain, the system will automatically switch to a more robust Modulation scheme, by playing on different combinations of Modulation (8PSK, QPSK), FEC (from 1/3 to 8/9) and Symbol Rate (from 625 kbps to 20 Mbps).
- The system will thus try to keep the Link available, at the expense of the available throughput should weather conditions become extremely severe

Standard Fixed KaSatPro Kits

KaSatPro **KIT-TW PRO**

Professional kit with Advanced modem, 4 W transceiver & 1,2 mtr antenna

KaSatPro **KIT-TW PRO75**

Professional kit with Advanced modem, 3 W transceiver & 0,75 mtr mid-pole antenna

KaSatPro **KIT-TPM PRO75**

Professional kit with Advanced modem, 3 W transceiver & 0,75 mtr antenna Top Pole Mount





KaSatPro Additional Equipment

M2st has a rich offer on additional IP and Application Equipment that can be used in combination with basic KaSatPro systems including:

- VPN Routers/Accelarators
- Multi Link Gateway
- Voip equipment/service
- Video encoders/decoders

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KaSatPro VPN OneAccess Router

For organisations operating with a geographically dispersed network of offices and business locations, maintaining a high-speed, secure, interbranch communications network is a critical part of the corporate IT infrastructure.



OneAccess Router

Due to the latency in the satellite connection (ca. 750 uSec) for VPN connections there is a need for acceleration. The OneAccess Router takes care of this.

The system can be configured in a closed user group satellite-only mode, or as an extension to an existing terrestrial VPN system to reach remote locations without access to a broadband service.

The combination of KaSatPro and the OneAccess router offers an integrated high-speed satellite IP-VPN solution comparable to existing DSL performance, availability and pricing

Key applications

- *Secure LAN extension to remote branch offices, customers and suppliers*
- *Extension of VPN coverage to regional offices with limited Internet access*
- *Extension of throughput and performances for existing office connections (offload service)*
 - *Emergency back-up or permanent business continuity solutions*



KaSatPro
Customer Support

Professional Customer Support

Web portal tool

- User receives a set of Credentials for connecting to a secured web portal
- This allows the user to get detailed information on his terminals and their status (SNR, connectivity, traffic exchanged and so on).

Life cycle support

- Consultancy
- Installation
- Configuration
- Helpdesk
- Traffic management



Thank you for your attention

in the case of questions
do not hesitate to contact

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