The QDV120 is a complete satellite internet terminal includes:-

- Quick deploy antenna
- Satellite modem
- Manual Pointing Aid Device (MPAD)
- Interconnection cables
- Single caring case

Once on site the QDV120 can be assembled by a single person within 5 minutes and using the clever manual pointing aid device (MPAD) can be pointed and transmitting to the satellite within 10 minutes.

MPAD satellite pointer - The process of satellite identification is made easier with our satellite finder / pointing device. The clear LCD readout will give the direction to point the antenna and a loud audio tone and visual bar graph will indicate the signal strength.

Outdoor IP Modem - The QDV120 satellite terminal incorporates an outdoor satellite IP modem. This will allow operation in the harshest of conditions with the minimal cable lengths and maximum reliability.

Antenna Assembly - The reflector is a 1.2M SMC high wind load antenna that is attached to our unique 'No-tool' AZ / EL head for greater pointing accuracy and stability.

The QDV120 satellite terminal provides connection to the remotest of locations

Single case dimensions:

Overall Case Width	135 cm
Overall Case Length	168 cm
Overall Case Height	45 cm
Cased Weight	96 Kg

Performance:

Gain Tx	43.0 dBi
Gain Rx	41.8 dBi
VSWR	1.3 : 1 max
Sidelobe Envelope	29-25 Log θ dBi
G/T 11.7 GHz	21.6 dBk

Cross Polarisation	
Within 1dB Contour	-30 dB Max

Options:

QDV120-X3-3	X3 modem with 3W BUC
QDV120-X3-4	X3 modem with 4W BUC
QDV120-X3-6	X3 modem with 6W BUC
QDV120-X5-3	X5 modem with 3W BUC
QDV120-X5-4	X5 modem with 4W BUC
QDV120-X5-6	X5 modem with 6W BUC

Outdoor modem with pointing aid

QDV120-xx-x-ODU

Design Features of the QDV120

- Hi wind load SMC Reflector with approvals on Intelsat, Eutelsat and Anatel

- Manual pointing aid with real time display for target Azimuth and Elevation and POL angles

- GPS antenna suppling geo-location data for the IP modem and calculation of look angles

- Quick release bracket for the weather proof IP modem. Having the modem on the back of the antenna will reduce the length of L-band cables required

- Hi wind loading bracing bars

- No-tool assembly on all connections

- Terrain compensating inclinometer

- Custom built AZ/EZ head

- Fine adjustments on the AZ and EL axis

- Course AZ adjustments on a bearing surface.

- Quick release tri-pod with stainless steel tensioning ties

- Load spreading sand feet for maximum stability