



## EXPLORER™ 727

Comprehensive communication hub for vehicles

# EXPLORER™ 727

- **High-speed broadband-on-the-move:**  
Automatically tracks satellite positions enabling high-speed connectivity while on-the-move. Simultaneous 432 kbps data and phone calls – even at speeds in excess of 200 km/h.
- **Mobile communication hub:**  
Place the antenna on the roof of your vehicle to turn it into a complete mobile communication hub. Provides access to the internet and phone networks instantly.
- **Seamless global coverage:**  
High-speed broadband connection at all times regardless of time, place and weather conditions



# EXPLORER™ 727

## Key Features

- Simultaneous voice and data communications.
- Download up to 432kbps, upload up to 432kbps.
- Support for streaming IP at 32, 64, 128 and 256 kbps.
- LAN with PoE, ISDN, and phone/fax interfaces.
- Single-user and multi-user terminal through Network management.
- Easy to install and operate



# EXPLORER™ 727

## Key Specifications



- On/Off button
- 5 x general purpose I/Os
- DC in 10-32 V
- 4 x LAN interface with Power over Ethernet
- 1 x ISDN interface
- 2 x Phone/fax interface RJ11
- Antenna connector



Up to 384/300 kbps simultaneous



Weight  
 Transceiver: ~2.4 kg  
 Antenna: ~6.0 kg



Standard data (PS)  
 Streaming data (QoS)(32, 64, 128, 256 kbps)  
 Standard voice (CS)  
 Premium voice (& fax) (CS) >45 degrees  
 Simultaneous CS & PS



Environmental protection:  
 Antenna: IP-66  
 Transiever: IP-52  
 Dust and spray proof

# EXPLORER™ 727

Software release 1.12

- **New Features**
  - PDP context activation by SMS
  - Remote access to webserver & AT Shell
  - Support for multiple Primary PDP Context
  - Chinese language support in web MMI
- **Advantage**
  - Better performance
- **Value**
  - New features in future more rapidly deployed to all terminals



# EXPLORER™ 727

## What's in the box

- EXPLORER 727 Terminal
- EXPLORER 727 Antenna
- Thrane IP Handset (wired)
  - Incl. cradle & cable 5m/16.4ft
- Antenna mounting kit (Fixed / Rail)
- Antenna cables 2.7m/8.8ft & 8m/26ft
- Standard Ethernet Cable 16.4 ft
- 12/24 VDC Input Cable 6m/19.7ft
- Documentation package (Quick Start & CD)
- Optional
  - Magnetic mount
  - Various antenna cable length
  - 19" Rack Mount (Terminal)



# EXPLORER™ 727

19" Rack version

- Feature
  - 19" Rack mountable transceiver
  - 1 Unit high
- Advantage
  - Install EXPLORER 727 with other communication gear
- Value
  - Easy to install, fits right in a 19" Rack
- Segments
  - Government, Media, Transportation, NGO's



# EXPLORER™ 727

Including the Thrane & Thrane Voice over IP Handset

- Powered over Ethernet (PoE)
- Supports VoIP (SIP server in terminal)
- Handset can be used to configure the terminal
- Build-in web server for easy configuration
  - Can be configured directly from the terminal web server
- Up to 16 handsets per terminal
  - offering support for multiple VoIP calls
- QVGA color display with Night color option
- Hands free and Headset options
- Local calls and call forwarding (built-in PBX)
- No drivers needed
- IP rating 54
- Embedded crypto



# EXPLORER™

## Handset options

- 2-Wire Handset (E300, E500, E700, E727)
- Thrane IP handset (E727)
- Thrane IP handset WiFi



# EXPLORER™

## Vehicular BGAN



	EXPLORER™ 325	EXPLORER™ 727
Bandwidth (UL / DL)	Up to 384 kbps 200 / 258 kbps above 5° elevation	Up to 492 kbps 432 / 432 kbps above 5° elevation
Streaming IP (QoS)	32, 64, 128 kbps	32, 64, 128 & 256 kbps (>45°)
ISDN	No	Yes
Premium Voice	3.1 kHz audio via 2-wire	3.1 kHz audio
Ethernet	Yes – 2 ports	Yes – 4 ports
2-wire	Yes – 1 port	Yes – 2 ports
WLAN	No	No
DHCP, NAT & PAT	Yes	Yes
Single-user / Multi-user	Multi	Multi
Detachable antenna	Up to 50 m	Up to 50 m
Weight: Transceiver Antenna	2.2 kg / 4.9 lbs 3.6 kg / 7.9 lbs	2.4 kg / 5.5 lbs 6 kg / 13.2 lbs
Size (H x W x D): Transceiver Antenna	41 x 231 x 278 mm 128 x Ø349 mm	42.5 x 247 x 270 mm (19" rack opt.) 150 x Ø476 mm
Ingress Protection Antenna	IP-56	IP-56
Thrane & Thrane VoIP Handset	Included	Included

# EXPLORER™ Series

- an unmatched portfolio of BGAN products

