

## THRANE IP HANDSET

A multitude of operational benefits



**Flexibility is the driving force behind the Thrane IP Handset. It is designed to offer a multitude of operational benefits at sea, on land and in the air. A choice of wired\* or wireless models expands the possibilities for this sophisticated and incredibly user friendly multi-function IP handset.**

With Thrane & Thrane's unrivalled experience in satcoms for sea, land and aerospace applications, you can be confident of both the quality of the equipment and the support behind it. The new Thrane IP Handset benefits from this and continuous development ensures that new applications will be made available for it.

### Take Control

The Thrane IP Handset is capable of transforming Thrane & Thrane FleetBroadband, EXPLORER 727 and SwiftBroadband terminals into highly flexible multi-station voice and data solutions. The physical design combines form and function, with the result a truly next generation handset, with benefits such as:

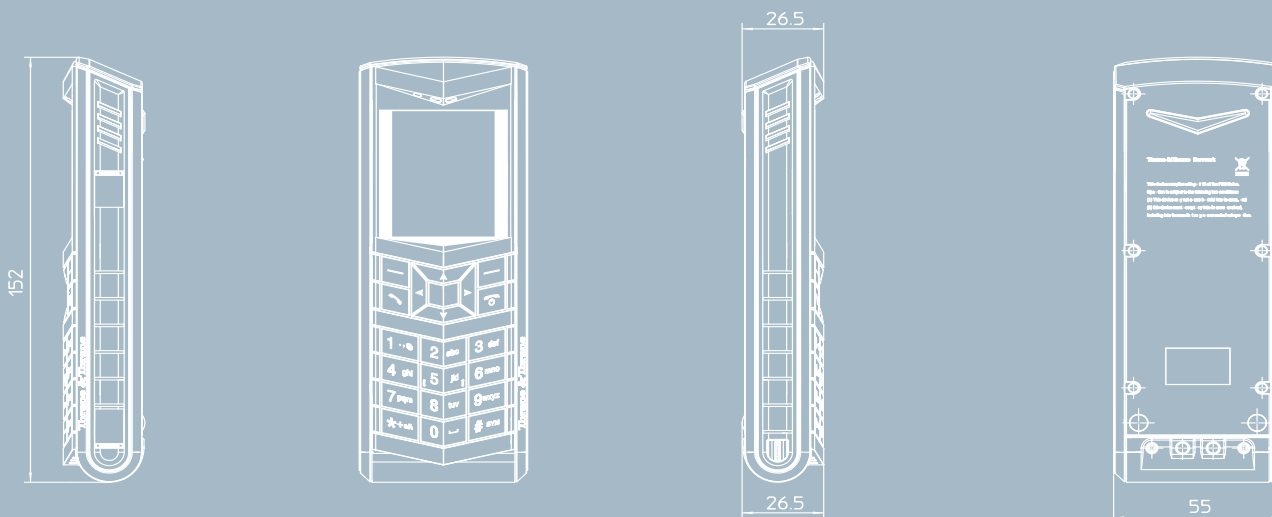
- Easy to use
- Cell phone-like user interface
- Control and status of terminal hardware
- Seamless integration of phonebook
- Configuration via web interface
- Excellent audio quality

These rugged new Plug-and-Play handsets are based on a fast 260 MHz processor running Windows CE 6.0, which ensures the user can take full control of the power of Thrane & Thrane's SAILOR 500 and 250 FleetBroadband, EXPLORER 727 and Aero-SB+ and Aero-SB Lite solutions.

Focus on the user and the features they need is achieved through a highly intuitive user interface, tactile controls and the 2.2" TFT color screen, whilst technology such as a state-of-the-art echo canceller and noise suppression software ensures unmatched audio quality.

The Thrane IP Handset is an important part of Thrane & Thrane's BGAN offering and promises to enable improved flexibility and the streamlining of your entire communications infrastructure.

\* = The wired handset can not be used for Aero solutions.



### IP HANDSET, WIRELESS

#### Specifications

Certification	FCC, CE, IC, SAR
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#### Protocols

Wireless network interface	Wireless Local Area Network (WLAN) according to 802.11b/g
Network protocol	Internet Protocol (IP)
VoIP Protocol	SIP v2 Session Initiation Protocol (RFC3261), SDP (RFC2327)
Voice Codecs	G.711 and G.729 A/B

#### Interfaces

Physical interfaces	Headset 2.5 mm jack Mini-USB 5-pin (charging only)
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#### Environmental Conditions

Operation temperature	0°C to +45°C
Storage temperature	Long term (>6 months) -20°C to +25°C Short term (>6 months) -20°C to +45°C
Temperature, transport	-25°C to +55°C
Protection category	Dust proof and splash proof
Air pressure, transport	4572m AMSL

#### Features

Display	2.2", 240 x 320 pixel TFT color
Battery	Li-Ion 1900 mAh
Charge power (in cradle)	12-24 VDC, 7 Watt max
Standby time	Up to 72 hours
Talk time	Up to 4 hours

#### Dimensions and Weight

Dimensions (L x B x H)	152 mm x 55 mm x 26.5 mm
Weight	175 g ± 20 g

### IP HANDSET, WIRED

#### Specifications

Certification	FCC, CE
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#### Protocols

Network Protocol	Internet Protocol (IP)
VoIP Protocol	SIP v2 Session Initiation Protocol (RFC3261), SDP (RFC2327)
Voice Codecs	G.711 and G.729 A/B
Physical interfaces	RJ-45 male connector on fixed cable Not currently used: Headset 2.5 mm jack and Mini-USB 5-pin

#### Interfaces

LAN interface	10/100 Mbps
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#### Environmental Conditions

Operation temperature	-25°C to +45°C
Storage temperature	-25°C to +55°C
Air pressure, transport	4572 m AMSL
Protection category	Dust proof and splash proof

#### Features

Display	2.2", 240 x 320 pixel TFT color
Power	Power over Ethernet (PoE) class 2
Power consumption	Max. 7 Watt

#### Dimensions and Weight

Dimensions (L x B x H)	152 mm x 55 mm x 26.5 mm
Weight	175 g ± 20 g

