



KESTREL

Rugged Mobile Computing



THE KESTREL

The rugged Kestrel mobile terminal has a large easy to use touch screen, long life high capacity battery and is tried, tested and universally agreed to be the most reliable hardware platform within its field.

The Kestrel and its predecessor (The Falcon) are still used by approximately 45 airlines worldwide and in some cases have provided over 10 years of daily, dependable use across a multitude of extreme environmental conditions.

The Kestrel is GPRS compatible, can process secure credit card payments and should be considered as the most reliable and cost effective solution when chip and pin and contactless payment is not a foreseeable requirement.

The latest Novo SkyPOS software is available on this terminal as well as the PayPDA (Novo's fully bank certified Chip & Pin hardware platform).



KESTREL SPECIFICATIONS

Processor

Intel XScale

Memory

64Mb SDRAM

Operating System

Windows CE

High Resolution TFT Display

VGA 640 x 480 daylight readable
TFT. (101mm x 75mm)

Touch Panel

Rugged scratch resistant touch surface
with anti-reflective coating.

Connectivity

USB

TouchPC Cradle optical interface
(Speed 38.4Kbps)

CF card Type 1 Interface

SD Interface card slot

Expansion port for custom interface,
supports all standard TouchStar peripherals

Integrated Bluetooth module
(Class 1 up to 100m)

Integrated GSM/GPRS module
(Voice and Data enabled)

Integrated SIRFIII GPS module.

Sound

Internal audio speaker

Main Battery

High power 4400mAh
Lithium Ion battery

Backup Cell

550mAh Lithium Ion Battery
(Up to 28 days backup)

Durability

Impact resistant, flame retardant
UV stabilised polycarbonate case

Operating Temperature

-20C – +40C
(Storage temperature -50C – +60C)

Dimensions

213mm x 115mm x 42mm
(8.3" x 4.5" x 1.6")

Weight

With main battery - 831g (29oz)

Standards

CE Emission EN55022:
1998 Class B Limit

CE Immunity

EN55024: 1998 Amendment
A1:2001 Annex B, FCC, CFR:47
March 2003 Part 15.107, 15.109,
Limit B

EMC testing

AS3548 (Australia)

Emissions

RTCA/DO160D Limit M
(for onboard aircraft usage) (Global)

Compass Safe Distance

RTCA 160D Section 15.3 & Class Z
(for on-board aircraft usage) (Global)

OPTIONS

External Barcode Readers

RFID Tag reader

Communications and charging cradles

Mounting options

WIFI

Fully Integrated End Caps

TouchPod 58/80mm (2"/3") Thermal transfer printer,
USB Host, Laser Bar Code Scanner,
Smart Card Reader/Writer, 3-Track Magnetic Stripe
reader and IrDA



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