Falcon™ 615 & 655 Vehicle Mounted Data Terminals

Vehicle Mounted Wireless Data Collection Terminals

- Falcon™ family compatibility
- Complete Terminal Emulation support
- Rugged design for the roughest environments
- IP56 Rating
- Open architecture development flexibility
- Radio independence
- Choice of displays
- Choice of keyboards
- Internal DC power supply

Designed to excel in the harshest environments, the Falcon™ 615 and Falcon 655 will pass every test of durability. Custom mounting brackets ensure easy installation on any type of vehicle, including forklifts, and the IP56 enclosure sealing means they'll weather the worst day in a shipyard or lumberyard. In addition, both units are highly resistant to extreme temperature, vibration and impact.

The open architecture of these 386-based, DOS 6.22 terminals means easy application development. Both the Falcon 615 and Falcon 655 are available with PowerNet Twin Client to support VT100, VT220, HP700/92, IBM 3270 and IBM 5250 terminal emulations. Both support 2.4GHz spread spectrum radio technologies and both offer a choice of backlit LCD or EL super bright VGA displays for superior readability in low light conditions.

The Falcon 615 is a half-screen computer with a choice of integrated QWERTY or ABCD, sixty key, backlit keyboards. The Falcon 655 is a full-screen computer with several choices of compact tethered keyboards.

Options, flexibility and rugged reliability make the Falcon 615/655 line the perfect choice for on-site data collection terminals.
Falcon™ 615 & 655 Vehicle Mounted Data Terminals

SPECIFICATIONS

MECHANICAL

Dimensions
9.00 x 11.80 x 3.25"; 229 x 300 x 83 mm

Weight
8 lbs; 3.63 Kg
(does not include Falcon™ 655 keyboard)

Construction
Case front: high impact polycarbonate/polyester blend plastic; Case back/chasis: die-cast metal

ELECTRICAL

• 12-80 VDC Internal (no external DC to DC converter required)

• External, user-accessible fuse

ENVIRONMENTAL

Temperature Rating – LCD
• Operating 32° to 122° F (0° to 50° C)
• Storage -22° to 158° F (-30° to 70° C)

Temperature Rating – EL
• Operating -4° to 122° F (20° to 50° C)
• Storage -40° to 158° F (-40° to 70° C)

Humidity
5 to 95% RH NC@ 104° F (40° C)

Shock/Vibration
Equivalent to MIL-STD-810D

Sealing
Meets IP56 Enclosure rating for hose-directed water & windblown dust

SAFETY / REGULATORY

Safety
EN60950

Emissions
Complies to: FCC Part 15 Class B; EN 55022

Susceptibility
IEC801-2, IEC801-3, IEC801

SYSTEM

Operating System
MS DOS v6.22

Microprocessor
Intel® 386EX, 25 MHz

Memory
Flash: 4MB; DRAM: 2MB; Lithium battery backs up time, date and setup information

Communication Ports
2 RS-232 D9 (5V on Pin 9); Falcon™ 655 only: PS/2 keyboard port

PC Card Slots
2 PCMCIA Type I, II, III slots; Supports Radio & SRAM cards

Speaker
Built-in speaker 85dB, volume control

Keyboard
Falcon™ 615: Integrated QWERTY or ABCD, 60 backlit keys with 10 dedicated function keys; Falcon™ 655: Separate QWERTY, Standard and NEMA 4 rated versions

Display
Falcon™ 615: 1/2 screen VGA 640x200 (Text: 12 lines x 80 characters); Falcon™ 655: Full screen VGA 640x480 (Text: 25 lines x 80 characters); LCD and EL display options; Contrast control; Backlight (LCD only)

SYSTEM (continued)

Radio Support
Requires certified Type II PC Card format; 2.4 GHz spread spectrum radio: Cisco (Aironet); Lucent WaveLAN 802.11; Proxim RangeLAN2, Symbol Spectrum24®

Software Support
PowerNet Twin Client: VT100/220, 5250, 3270, HP700/92; RF SDK; IntelliTrack® WMS

Accessories/Options
Mounting bracket; DC power cable; Decoded handheld bar code scanners; 120-240 VAC, power supply; Radio access points, accessories; Falcon™ 655: Standard & NEMA 4 rated keyboards, keyboard brackets

Specifications are subject to change without notice. For further information, contact your PSC representative.

For product information, technical support, answers to frequently asked questions, product documentation, software updates, repair information, and how to contact PSC, visit the PSC Website at: www.pscnet.com

Corporate Headquarters
PSC Inc.
955 Terry Street
Eugene OR 97402-9150 USA
Tel: 800 547 2507 or 541 683 5700
Fax: 541 344 1389

PSC Worldwide Sales and Service Locations:
Australia - NSW
Tel: 61 2 9878 8999 Fax: 61 2 9878 6868

Australia
Tel: 61 3 9243 5510
Fax: 61 3 9243 5510

Belgium
Tel: 32 2 410 11 63
Fax: 32 2 410 11 63

Brazil
Tel: 55 11 5507 7221 Fax: 55 11 5507 7686

Chile
Tel: 56 2 339 7895
Fax: 56 2 339 7895

China
Tel: 86 10 6857 9048 Fax: 86 10 6857 8699

China - South
Tel: 86 20 8765 9555 Fax: 86 20 8765 9555

France
Tel: 33 1 64 86 71 00 Fax: 33 1 64 86 72 44

Germany
Tel: 49 6151 93580 Fax: 49 6151 935808

Hong Kong
Tel: 852 25846210 Fax: 852 25846210

Italy
Tel: 39 039 629031 Fax: 39 039 629031

Japan
Tel: 81 3 3491 6761 Fax: 81 3 3491 6761

Latin America
Tel: 1 305 539 6206 Fax: 1 305 539 6206

Singapore
Tel: 65 336 6861 Fax: 65 336 6933

Spain
Tel: 34 91 203 65 00 Fax: 34 91 203 65 01

Sweden
Tel: 46 4010 84 62 Fax: 46 4010 84 64

Turkey
Tel: 90 212 23691 15 Fax: 90 212 23691 15

United Kingdom
Tel: 44 1923 809500 Fax: 44 1923 809500

Part No. R45-5070-US B 1200

PSC is a registered trademark, the PSC logo and Falcon are trademarks of PSC Inc. All other brand and product names are trademarks of their respective owners.

Printed in U.S.A.
12/00 – 5M