

## **Technical specifications of Freesia**

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OS</b>               | WindowsCE.net 4.1                                                                                                                                                                                                                                                 |
| <b>Display</b>          | 5" WVGA 64K color TFT LCD    800 x 480 dot pitch 0.137mm<br>WVGA (Transflective)                                                                                                                                                                                  |
| <b>CPU</b>              | PXA250 400MHz            Intel Xscale                                                                                                                                                                                                                             |
| <b>Memory</b>           | NAND Flash 64MB            128MB upgradeable(Pin to Pin)<br>SDRAM 128MB 2 x 64MB SDRAM                                                                                                                                                                            |
| <b>Communications</b>   | Internal Wireless Lan module(802.11b)<br>Optional CDMA(CF II Card Type)                                                                                                                                                                                           |
| <b>Standard Support</b> | CF II Type<br>External battery<br>PCMCIA Type Pack(battery included)<br>Built-in Antenna for Wireless Lan                                                                                                                                                         |
| <b>Sound</b>            | Speaker mono (17    )<br>Mice mono, Bi-directional (Duplex)                                                                                                                                                                                                       |
| <b>Interface</b>        | 1 x CF II slot<br>Variable Option Pack(CDMA, Memory, I/O Card, PCMCIA Pack)<br>1 x Docking port(USB Client)<br>PC Sync/VGA output/DC 5V<br>1 x Strereo Stereo jack<br>1 x external keyboard port (4Pin, PNP support)<br>1 x DC Jack 4.8V ~ 5.4V 2A, Ö2.5 standard |
| <b>Button</b>           | 1 x 5way, 2 x hot , 1 x Rec.<br>1 x Power, 1 x reset, 1 x hold switch (5way : 4 way + enter)                                                                                                                                                                      |
| <b>LED</b>              | 1 x Red/Green, 1 x Orange, 1 X Blue (for power status, alarm, and data transfer status)                                                                                                                                                                           |
| <b>Battery</b>          | Li-Pol 1500mAh (Continuous 9 hours only PDA, 3 hours with WLAN),<br>Quick charge : 2hours 30mins(90% charging)                                                                                                                                                    |
| <b>Cover</b>            | Keyboard cover size : 81*147.6mm ,<br>Thickness: 4.0mm (Approx.)<br>QWERTY keyboard 53keys, attachable,<br>Plane cover attachable                                                                                                                                 |
| <b>Stylus</b>           | 102.2mm, 4.5    internal style                                                                                                                                                                                                                                    |

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| <b>Physical dimension</b> | 155*91*13.4                                                                                                                                                                                                                                                                         |
| <b>Weight</b>             | 250g (include internal battery)<br>275g (include plane cover)<br>325g (include keyboard)                                                                                                                                                                                            |
| <b>Supports</b>           | Cradle 2 x LED (power status, charging indicator for external battery)<br>Sync cable for cradle and PC sync<br>VGA out cable for cradle and Projector connection<br>DC Adapter 4.8V ~ 5.4V 2A, 2.5 standard<br>Leather case Simple porch style<br>Stereo ear-phone 2.5 with Ear-Mic |

## **Technical specifications of Wireless LAN module**

|                              |                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>System Interface</b>      | B'd to B'd 50pin Connector<br>(CF II with 3.3V power)                                                                                                                                                      |
| <b>Frequency Band</b>        | 2.400 ~ 2.4835GHz(Subject to local regulations)                                                                                                                                                            |
| <b>Operating Power</b>       | 3.3V 5% from Host<br>Continuous Receive : 200mA(Typical)<br>Continuous Transmit : 350mA(Typical)<br>Average Current : 203mA(Typical)<br>Average Current : <b>120mA</b> (Typical) 1<br>AT Power saving mode |
| <b>Data Rate</b>             | 1, 2, 5.5 or 11Mbps                                                                                                                                                                                        |
| <b>Spreading</b>             | DSSS(Direct Sequence Spread Spectrum)                                                                                                                                                                      |
| <b>Output Power</b>          | 50mW(17dBm) for 22MHz Bandwidth, 7mW/MHz<br>-84dBm at 11Mbps(Typical)<br>-87dBm at 5.5Mbps(Typical)                                                                                                        |
| <b>Security</b>              | 40-bit/128-bit WEP Encryption                                                                                                                                                                              |
| <b>Antenna</b>               | Dual Chip Antenna Supporting Diversity                                                                                                                                                                     |
| <b>Available Drivers</b>     | Windows CE 4.0&3.0                                                                                                                                                                                         |
| <b>Standards</b>             | IEEE 802.11b                                                                                                                                                                                               |
| <b>Media Access Protocol</b> | CSMA/CA                                                                                                                                                                                                    |

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|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Temperature Range</b>                         | Operating : 0~55 , Storage : -20~70                                                                                    |
| <b>Humidity</b>                                  | 10% to 90% Non-condensing                                                                                              |
| <b>Operating Range</b>                           | (1024 bytes file transfer)<br>Open Space : 150m at 11Mbps, 200m at 2Mbps<br>Closed Office: 30m at 11Mbps, 50m at 2Mbps |
| <b>Dimensions</b>                                | 53.5mm 32.5mm 3.3mm                                                                                                    |
| <b>Certifications &amp; Regulatory Approvals</b> | WI-FI,FCC, Korean standards, Chinese Standards                                                                         |