

## ST935B – rugged Windows tablet



## Specification

| Product Outlook |              |  |  |
|-----------------|--------------|--|--|
| Type            | Details      | Standard Configuration   | Optional Configuration                               |
| Product Form    | Type         | Rugged Tablet  | NA   |
|                 | Dimension    | 228*147*16.5mm   | NA   |
|                 | Weight       | Device:630g , Device with giftbox and accessories:1330g , Docking : 290g   | NA   |
|                 | Device Color | Black+Silver ( rear pane:silver , front panel: black )   | Black (rear panel: black, front panel:black)         |
| LCD             | Screen Size  | 8 " 16:10 Model  | NA   |
|                 | Resolution   | 800*1280 IPS   | NA   |
|                 | Brightness   | 320Nit   | optional SLR sunlight readable film                  |
| TP              | Touch Panel  | 10 point capacitive,G+G dragontrail glass , Rigidity: 7H above, anti-scratch,TP thickness : 1.1mm , COF, support handwriting | optional SLR sunlight readable film                  |
| Camera          | Front        | Front: 2.0MP with indicator  | NA   |
|                 | Rear         | 5.0MP  | NA   |
| Speaker         | Built-in     | 8Ω/0.8W waterproof speaker x 1   | NA   |
| Mic             | Built-in     | sensitivity:-42db, output resistance:2.2kΩ   | NA   |
| Battery         | Type         | Lithium-ion polymer battery , dimension : 43*89*86   | NA   |
|                 | Capacity     | 3.7V/8500mAh   | If adapt 4G configuration, battery capacity: 7800MAH |

|                                      |                    |   |              |
|--------------------------------------|--------------------|---|--------------|
|                                      | <b>Endurance</b>   | 8hrs(default 50% volumn , default 200 nit brightness , play 1080P HD Video) | NA           |
| <b>System Hardware Configuration</b> |                    |   |              |
| <b>Type</b>                          | <b>Details</b>     | <b>Descriptions</b>   |              |
| <b>CPU</b>                           | <b>Type</b>        | Intel Baytrail-T(Quad-core),Z3735F  | NA           |
|                                      | <b>Speed</b>       | 1.33Ghz-1.8GHz  | NA           |
| <b>GPU</b>                           | <b>Type</b>        | Intel® HD Graphics  | NA           |
| <b>RAM</b>                           | <b>DDR3L</b>       | 2GB   | 2GB          |
| <b>ROM</b>                           | <b>Emmc</b>        | 32GB  | 16G/32G/128G |
| <b>G_sensor</b>                      | <b>Built-in</b>    | Gravity acceleration sensor   | NA           |
| <b>Internet Connections</b>          |                    |   |              |
| <b>Type</b>                          | <b>Details</b>     | <b>Description</b>  |              |
| <b>WIFI</b>                          | <b>WIFI Module</b> | WIFI 802.11(a/b/g/n) Frequency:2.4G+5.8G dual bandWIFI                      | NA           |
| <b>Bluetooth</b>                     | <b>Built-in</b>    | BT4.0 (BLE) class1 transmission distance : 10m                              | NA           |

|                        |                 |   |   |
|------------------------|-----------------|---|---|
| <b>3G</b>              | <b>Built-in</b> | IC:H350-A50-10 bands : WCDMA(900/2100MHz) GSM ( 900/1800MHz) , HSDPA 21Mbps , HSUPA 5.76 21Mbps   | H350-A30-10 WCDMA ( 900/2100MHz) HSDPA 7.2Mbps, HSUPA 5.76 21Mbps                                       |
|                        |                 |   | H350-B50-10 WCDMA ( 850/1900MHz) HSDPA 21Mbps, HSUPA 5.76 21Mbps  |
|                        |                 |   | H350-B30-10 WCDMA ( 850/1900MHz) HSDPA 7.2Mbps, HSUPA 5.76 21Mbps                                       |
| <b>4G</b>              | <b>Built-in</b> | NA  | IC: L810 Bands: 5mode11bands (LTE FDD/LTE TDD/WCDMA/TD-SCDMA/GSM)                                       |
| <b>GPS</b>             | <b>Built-in</b> | U-blox NEO-7,support:GLONASS,QZSS,GPS;Capture sensitivity:-160 dBm ; cool startup : <30s , hot startup : <28s , frequency : 0.25 Hz ... 10 MHz (configurable) | UM220, BD/GPS dual navigation   |
| <b>NFC</b>             | <b>Built-in</b> | NA  | NXP NFC 13.56MHz support ISO/IEC: 14443A/14443B/15693/18092/mifare protocol, card reading distance: 4cm |
| <b>Data Collection</b> |                 |   |   |
| <b>Type</b>            | <b>Details</b>  | <b>Description</b>  |   |

|                    |                |                    |  |
|--------------------|----------------|--------------------|--|
| 1D barcode scanner | Optional       | NA                 | MOTO SE655E100R  |
|                    |                |                    | Optical Position: 5mil   |
|                    |                |                    | Scan speed: 50/s   |
|                    |                |                    | Symbol system:UPC/EAN, Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128,GS1-128,ISBT 128,Code 39,Trioptic Code 39 ,Code 32,Code 93 ,Code 11             |
| 2D barcode scanner | Optional       | NA                 | MOTO SE4710 Hardware decoder   |
|                    |                |                    | Optical Resolution:5mil  |
|                    |                |                    | Scan speed:50/s  |
|                    |                |                    | Symbol system:PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode,QR Code, MicroQR, QR Inverse,Aztec,Aztec Inverses,Han Xin,Han Xin Inverse |
| <b>Connectors</b>  |                |                    |  |
| <b>Type</b>        | <b>Details</b> | <b>Description</b> |  |

|                               |                        |  |                                    |
|-------------------------------|------------------------|--|------------------------------------|
| TF slot                       | Extensive External Mer | support SDHC/SDXC x1 max : 64G   | NA                                 |
| USB Interface                 | Extend external mem    | USB 2.0*1 (Host) for windows Android OTG x1                              | NA                                 |
| Earphone Jack                 | Audio Output           | φ3.5mm standard earphone jack x1   | NA                                 |
| DC Jack                       | Power                  | DC 5V 3A φ3.5mm power connector x1                                       | NA                                 |
| HDMI                          | Video Output           | HDMI 1.4a Type C x1  | NA                                 |
| Extensive Slot                | pogo Pin               | 12pin Pogo Pin x1  | NA                                 |
| <b>Standard Accessories</b>   |                        |  |                                    |
| <b>Type</b>                   | <b>Details</b>         | <b>Description</b>   |                                    |
| OTG Cable                     | OTG Cable              | USB OTG to MICRO USB cable length:45mm                                   | NA                                 |
| USB Cable                     | USB Cable              | USB to micro 5P L=1.2M 4core aluminum foil shield cable                  | NA                                 |
| Power Adaptor                 | Standard               | AC100V ~ 240V, 50Hz/60Hz output DC 5V/3A USA standard CE approved        | USA standard                       |
|                               |                        |  | EU Standard                        |
| <b>Software Configuration</b> |                        |  |                                    |
| <b>Type</b>                   | <b>Details</b>         | <b>Description</b>   |                                    |
| Operation System              | OS version             | windows 10 Home non-activated Default language : English; Or Android 5.1 | windows 10 Home 64bit              |
|                               |                        |  | Windows10 Pro 32bit /64bit         |
|                               |                        |  | Windows 10 enterprise 32bit /64bit |
|                               |                        |  | Emdbded 8.1 Industry Pro 32bit     |
| <b>Product Certificate</b>    |                        |  |                                    |
| <b>Type</b>                   | <b>Details</b>         | <b>Description</b>   |                                    |

|                            |                            |  |                                |
|----------------------------|----------------------------|--|--------------------------------|
| <b>Certificate System</b>  | <b>IP67</b>                | IPX7<br>Method : Short time water immersion test<br>Test equipment and test conditions : Immersion Box. Its size shall meet: sample bottom is at least 1m from water surface after sample is put into water and sample top is at least 0.15m from water surface. | T1 will be offered for testing |
|                            | <b>CE</b>                  |  | T2 will be offered for testing |
|                            | <b>810G</b>                |  | T2 will be offered for testing |
| <b>Reliability</b>         |                            |  |                                |
| <b>Type</b>                | <b>Details</b>             | <b>Descriptions</b>  |                                |
| <b>Product Reliability</b> | <b>Drop Height</b>         | 1.2m composite wood floors, in operation status  |                                |
|                            | <b>Operate Temperature</b> | ' -20 °C to 60 °C -4 °F to 140 °F  |                                |
|                            | <b>Store Temperature</b>   | ' -30 °C to 70 °C / -22 °F to 158 °F   |                                |
|                            | <b>Humidity</b>            | Humidity: 95% Non-Condensing   |                                |