



## SID-10WR1

### 10.1" Semi Industrial Panel PC with Rockchip RK3288 SoC

- > 10.1" TFT-LCD, WXGA, 1280 x 800
- > Projective Capacitive Multi-Touch
- > IP65 Front Panel
- > RockChip RK3288 Cortex-A17 Quad Core 1.6GHz
- > 2GB DDR3L on board
- > 16GB eMMC on board
- > 1 x 802.11 b/g/n Wireless LAN and Bluetooth 4.0
- > 1 x 10/100/1000 Ethernet
- > 2 x USB Type A, 1 x HDMI output, 1 x Head phone jack
- > Wide range DC 12~24VDC input
- > Optional Powered LAN (802.3AT)

#### Spec

##### -System Information-

|                      |  |
|----------------------|--|
| <b>Processor</b>     | RockChip RK3288W Cortex-A17 Quad Core 1.6GHz |
| <b>System Memory</b> | 2GB DDR3L RAM on board                       |

##### Storage

|                |                    |
|----------------|--------------------|
| <b>Storage</b> | 16GB eMMC on board |
|----------------|--------------------|

##### External I/O

|                             |                        |
|-----------------------------|------------------------|
| <b>USB Port</b>             | 2 x USB 2.0            |
| <b>Video Port</b>           | 1 x HDMI output        |
| <b>Audio Port</b>           | 1 x Line out           |
| <b>LAN Port</b>             | 1 x Gigabit Ethernet   |
| <b>Wireless LAN Antenna</b> | 1 x SMA type connector |

##### Panel

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>LCD Size</b>                 | 10.1"                          |
| <b>LCD Panel</b>                | TFT-LCD                        |
| <b>Display Type</b>             | WXGA                           |
| <b>Resolution</b>               | 1280x800                       |
| <b>Pixel pitch</b>              | 0.1695(H)X0.1695(V) mm         |
| <b>Luminance</b>                | 350 cd/m2(typ)                 |
| <b>Contrast ratio</b>           | 800                            |
| <b>Viewing angle</b>            | 85 (U), 85 (D), 85 (L), 85 (R) |
| <b>Response time</b>            | 30 ms                          |
| <b>Backlight</b>                | LED                            |
| <b>Touch Type</b>               | Projective Capacitive          |
| <b>Touch Light Transmission</b> | 86%                            |

##### I/O

|                 |                 |
|-----------------|-----------------|
| <b>COM Port</b> | 1 x RS-232      |
| <b>HDMI</b>     | 1 x HDMI output |

##### Data Communication

|                  |               |
|------------------|---------------|
| <b>WLAN</b>      | 802.11 b/g/n  |
| <b>Bluetooth</b> | Bluetooth 4.0 |

##### Certifications

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Certification Information</b> | CE/FCC Part 15, Subpart B |
|----------------------------------|---------------------------|

##### Power Requirement

|                   |  |
|-------------------|--|
| <b>DC Input</b>   | DC 12~24V Input  |
| <b>Power Mode</b> | AT mode (Default)  |
| <b>Adapter</b>    | Input: 100~240 Vac/50~60 Hz Output: 60W Adapter (12V @ 5A Adapter) |

##### Mechanical & Environmental

|                              |  |
|------------------------------|--|
| <b>Operating Temperature</b> | 0°C ~ 40°C (32°F ~ 104°F)                    |
| <b>Storage Temperature</b>   | -20°C ~ 60°C (-4°F ~ 140°F)                  |
| <b>Operating Humidity</b>    | 40°C @ 95% Relative Humidity, Non-condensing |
| <b>Weight</b>                | 1.5kg  |
| <b>IP Rating</b>             | Front IP65                                   |
| <b>Mounting Kit</b>          | 75 x 75mm                                    |
| <b>Dimensions(W x L x D)</b> | 255.2 x 169.4 x 40.7mm                       |
| <b>System Fan</b>            | Fan-less                                     |
| <b>Construction</b>          | Metal  |

##### Software Support

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>OS Information</b> | Android 8.1 / Linux Debian 9(TBA) |
|-----------------------|-----------------------------------|