



**SH10", 12", 15", 21"
(Blackline)
Industrial Multitouch
Computer**

powered by **SOREDİ**
touch systems

Product Description

Features of the SH Blackline Series SH10 , SH12 , SH15 and SH21

The IPC was developed and produced in-house . They are specially designed for use in harsh environments. For this reason exclusively modern and industrial grade components are used for the Blackline products to ensure reliable operation under extreme conditions. The four -millimeter-thick bulletproof glass on the screen resists acid, detergents and disinfectants as well as extreme mechanical stresses. Behind the glass is the projective capacitive touch panel. A special sensitivity control allows a reliable gesture control - and this even with gloves.

In its slim , lightweight body, the IPC include an energy- efficient AMD Dual-Core processor. Through the use of LED displays , they work easily in a temperature range from +55 ° C to -35 ° C. The IPC Blackline SH10 , SH12 , SH15 and SH21 are particularly suitable for use in harsh production environment on order picking and receipt of logistics centers or frozen storage .

Highlights:

- Multi- touch operation through the glass front , even with gloves
- particularly resistant to mechanical influences such as shock and vibration
- Well protected against dust and moisture (IP54 to IP65/67)
- Cool chain fit without heating at a temperature range of -35 ° C to +55 ° C
- Display with LED backlight , WU XGA to HD quality , 1920 x 1080 at 21 inches
- CPU: AMD dual core with integrated Radeon HD6250 graphics power
- Windows ® 7 and Windows ® Embedded Standard 7
- Motion sensor , programmable unit controller
- Extensive options such as integrated LF , HF or UHF reader for persons and / or pallets identification "

RFID Optional USB (LF, HF and UHF) or via BT

The AGX SH Blackline can be enhanced over the USB Slot with various RFID USB Dongle Reader (LF, HF and UHF). In addition it combines perfectly over the Bluetooth connection with handy BT reader like AGX DOT900, AGX Orkan, AGX 288 or AGX287 (UHF) or any other BT device.

* in preparation LF, HF and UHF

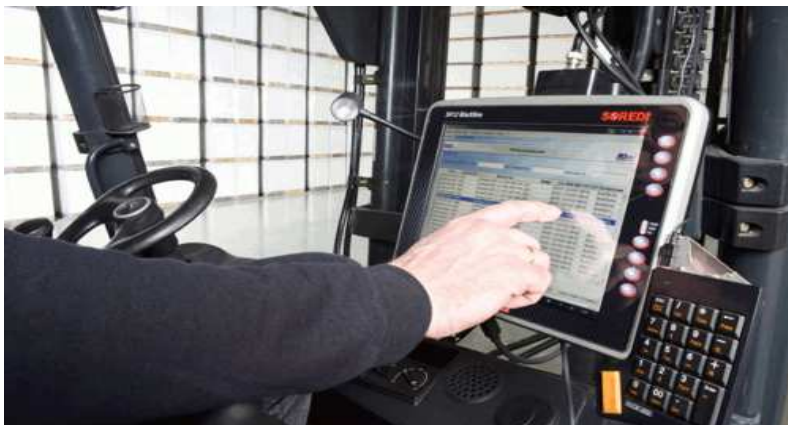
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| Article no: | SHxx Blackline | |
| Typical Applications | <ul style="list-style-type: none"> •Manufacturing •Finance •Gaming •Insurance •Health Care •Education •Hospitality •Transportation •Vehicle Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation •Security | |

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| Technical Specifications | SH Blackline Series |
|--------------------------|--|
| Operating System | Windows® 7 Professional, Windows® Embedded Standard 7 |
| Processor | AMD DualCore 2 x 1 GHz |
| Emulation/Browser | VT100, VT220, IBM 5250, Citrix Client, Freefloat, Naurtech |
| SW certified | RFID Legic, Mifare, Hitag and UHF, Pick by Voice, SAP |
| Memory | 2 GB DDR3 |
| Storage | SSD 80 up to 600 GB, industrial with write protection, CFAST 16, 32, 64 GB |
| Touch-Screen | Multi-Touch, Projected Capacitive Touch with glas front in Carbon Design |
| Sound / Audio | On Board: High Definition Audio with amplifier |
| Display | SH10: 10,4" Farb-TFT, SVGA 800 x 600, 400 cd/m², 4,8 Watt SH12: 12.1" Farb-TFT, XGA 1024 x 768, 500 cd/m², 9,0 Watt SH12: 12.1" Farb-TFT, XGA 1024 x 768, 1100 cd/m², 12,0 Watt SH15: 15,0" Farb-TFT, XGA 1024 x 768, 400 cd/m², 9,5 Watt SH21: 21,5" Farb-TFT, WU XGA 1920 x 1080, 300 cd/m², 19,5 Watt |
| Keys | S1-S4, KEY action, light/dark |
| LAN, WLAN, WWAN | 1 x RJ45 Ethernet 10/100/1000 Mbit/s on Board 1 x WLAN IEEE 802.11 a / b / g / n or Combi module WLAN/Bluetooth |
| Internal interfaces | 1 x USB 2.0, 1 x Sound |
| Interfaces bottom | 2 x RS 232, one with 5 or 12 VDC for Scanner 2 x USB 2.0 PS/2-keyboard and mouse connector |
| Interfaces top | 2 x USB, 1 x SDHC, 1 x HDMI for monitor connection, 1 x CFAST socket |
| Antennas | Dual antenna or TNC, RP-TNC for separated antennas |
| Power Supply | AC 110/230VAC, 64 W, 50 bis 60Hz DC 12/24 VDC und 24/48 VDC , 40 W, galvanic separated, power breaks up to 10 Volt for max. 20 sec can be supported |
| Power consumption | Typical 18 W up to 30 Watt, Green Power according to EUP 2011 < 0,5 Watt |
| Additional functions | Power off automatic of ignition key or ON/OFF switch at the front |
| Housing | Coated aluminium, fanless design |
| Holder | Holder for fix mount or mobile applications |
| Dimensions | SH10: 278 x 223 x 66, SH12: 325 x 254 x 66, SH15: 380 x 305 x 67, SH21: 555 x 360 x 84 |
| Weight | SH10: 3,6 kg, SH12: 4,7 kg, SH15: 6,5 kg, SH 21: 10,8 kg |
| Regulatory | CE/FCC Class A |
| Operating temperature | -35° up to +55°C |
| Storage temperature | -40° up to +70°C |
| Protection class | IP54 / IP65 / IP67 (with cable cover according to specs) |
| Humidity | 10% bis 90% bei 40°C, non condensing |
| Vibration | Klasse 5M3 nach EN 60721-3-5: 1998 |

SH Blackline (State of the art Forklift Computer)



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