



ODM for you. Not only hardware, but also software



S130 / S150

Intelligent Digital Signage + Surveillance + Kiosk All in One Android Panel PC 13.3"/ 15.6" with PoE

The S130 / S150 is Android 5.1.1 Panel PC with 13.3"/ 15.6" LCD support Surveillance+Digital Signage+Touch Screen Solution. With its 1920 x 1080 FHD resolution LCD and supports 10-point projected capacitive multi-touch function, S130/S150 offers the user powerful interactive service for many different application. S130/S150 supports VESA mount built-in, user can put it on any place that he needs. Also, integrated Wi-Fi and LAN (RJ45) for connection to the Internet.

Built-in content Edit Tool, easy to manage the media content and RTSP Stream from IP camera. S130/ S150 can not only use for Surveillance, but also the Digital Signage...

Suitable for retail, restaurant, hotel, hospital, shopping mall, store, bank or school...

Furthermore, S130/S150 support Dual-Screen: Build in HDMI output. This dual-screen display function is based on Android platform, which can display in tablet and extend to another one display screen by HDMI output.



Interface:



Standard VESA 75mm x 75mm for VESA mount or mounting stand





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Product Feature

- HDMI Output support Dual Display Function
- Access to all available Android applications
- Quad-Core ARM Cortex-A17CPU 1.8G Hz equipped
- H.265/HEVC Video Decode
- Internet video Streaming: UDP multicast, RTSP, HLS streaming
- System Upgrading by OTA Network
- Support User assign the APK for execution right after the system starts up
- Supported rooted Android system
- ADB by TCP/IP support for 3rd develop middleware
- PoE support and compliance with IEEE802.3at and IEEE802.3af (optional)
- Support 10-point projected capacitive multi-touch
- VESA mount built-in with 75mm x 75mm
- NFC support (optional)

Product Specification		
Model Number	S130	S150
Operation System	Android 5.1.1	Android 5.1.1
Hardware specification		
LCD size	13.3"	15.6"
CPU (SoC)	Quad-Core ARM Cortex-A17 1.8GHz	Quad-Core ARM Cortex-A17 1.8GHz
GPU	Mali T764	Mali T764
RAM	DDR3-2GB	DDR3-2GB
Storage	8GB eMMC (default) / 16GB eMMC (optional)	8GB eMMC (default) / 16GB eMMC (optional)
Resolution	1920x1080 FHD resolution	1920x1080 FHD resolution
Brightness	220 nits	300 nits
Touch screen	PCAP touch (10 point multi-touch)	PCAP touch (10 point multi-touch)
Language	Default: English ; Multi-Language support	Default: English ; Multi-Language support
NFC (optional)	ISO 18092 international standard (Reader/writer) EMCA-340 standard ETSI TS 102 190 standard Support: Card emulation mode P2P mode Reader/ Writer mode USIM SWP Secure Element Available Induction Distance: 3 cm	ISO 18092 international standard (Reader/writer) EMCA-340 standard ETSI TS 102 190 standard Support: Card emulation mode P2P mode Reader/ Writer mode USIM SWP Secure Element Available Induction Distance: 3 cm
RS485 (optional)	RS485 (optional)	RS485 (optional)
Network		
WiFi	802.11 b/g/n (default), 802.11ac (optional)	802.11 b/g/n (default), 802.11ac (optional)
PoE (optional)	PoE support and compliance with IEEE802.3at and IEEE802.3af	PoE support and compliance with IEEE802.3at and IEEE802.3af
Ethernet	Giga Ethernet 10/100/1000 Mbits	Giga Ethernet 10/100/1000 Mbits
Bluetooth	4.0 BLE	4.0 BLE



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Interface		
HDMI Output	support Dual Display function	support Dual Display function
USB port	USB port x 1	USB port x 1
Micro SD Card	Micro SD card x 1	Micro SD card x 1
Ear Phone	3.5mm ear phone jack	3.5mm ear phone jack
Power Input	PoE input or Power adaptor input	PoE input or Power adaptor input
Network	PoE RJ45 LAN Port x 1	PoE RJ45 LAN Port x 1
Front Camera	2M Pixel	2M Pixel
Micro Phone	Micro phone inside	Micro phone inside
VESA Mount	VESA mount built-in with 75mm x 75mm	VESA mount built-in with 75mm x 75mm
Video Streaming		
UDP Streaming	Support multicast UDP stream decode	Support multicast UDP stream decode
RTSP Streaming	Support RTSP stream decode	Support RTSP stream decode
HLS Streaming	Support HLS stream	Support HLS stream
Media Parameter		
Video Decoder	<p>Real-time video decoder of MPEG-1, MPEG-2, MPEG-4, H.263, H.264, AVS, VC-1, RV, VP6/VP8, Sorenson Spark, MVC</p> <p>Error detection and concealment support for all video formats</p> <p>Output data format is YUV420 semi-planar, and YUV400(monochrome) is also supported for H.264</p> <p>H.264 up to HP level 5.2 : 2160p@24fps (3840x2160)</p> <p>MPEG-4 up to ASP level 5 : 1080p@60fps (1920x1088)</p> <p>MPEG-2 up to MP : 2160p@24fps (3840x2160)</p> <p>MPEG-1 up to MP : 1080p@60fps (1920x1088)</p> <p>H.263 : 576p@60fps (720x576)</p> <p>Sorenson Spark : 1080p@60fps (1920x1088)</p> <p>VC-1 up to AP level 3 : 1080p@30fps (1920x1088)</p> <p>RV8/RV9/RV10 : 1080p@60fps (1920x1088)</p> <p>VP6/VP8 : 2160p@24fps (3840x2160)</p> <p>AVS : 1080p@60fps (1920x1088)</p> <p>MVC : 2160p@24fps (3840x2160)</p> <p>For AVS, 4:4:4 sampling not supported</p> <p>For H.264, image cropping not supported</p> <p>For MPEG-4, GMC(global motion compensation) not supported</p> <p>For VC-1, upscaling and range mapping are supported in image post-processor</p> <p>For MPEG-4 SP/H.263/Sorenson spark, using a modified H.264 in-loop filter to implement deblocking filter in post-processor unit</p>	<p>Real-time video decoder of MPEG-1, MPEG-2, MPEG-4, H.263, H.264, AVS, VC-1, RV, VP6/VP8, Sorenson Spark, MVC</p> <p>Error detection and concealment support for all video formats</p> <p>Output data format is YUV420 semi-planar, and YUV400(monochrome) is also supported for H.264</p> <p>H.264 up to HP level 5.2 : 2160p@24fps (3840x2160)</p> <p>MPEG-4 up to ASP level 5 : 1080p@60fps (1920x1088)</p> <p>MPEG-2 up to MP : 2160p@24fps (3840x2160)</p> <p>MPEG-1 up to MP : 1080p@60fps (1920x1088)</p> <p>H.263 : 576p@60fps (720x576)</p> <p>Sorenson Spark : 1080p@60fps (1920x1088)</p> <p>VC-1 up to AP level 3 : 1080p@30fps (1920x1088)</p> <p>RV8/RV9/RV10 : 1080p@60fps (1920x1088)</p> <p>VP6/VP8 : 2160p@24fps (3840x2160)</p> <p>AVS : 1080p@60fps (1920x1088)</p> <p>MVC : 2160p@24fps (3840x2160)</p> <p>For AVS, 4:4:4 sampling not supported</p> <p>For H.264, image cropping not supported</p> <p>For MPEG-4, GMC(global motion compensation) not supported</p> <p>For VC-1, upscaling and range mapping are supported in image post-processor</p> <p>For MPEG-4 SP/H.263/Sorenson spark, using a modified H.264 in-loop filter to implement deblocking filter in post-processor unit</p>
Image browser	JPEG, BMP, PNG	JPEG, BMP, PNG
Others		
Operating Temperature	0 ~ 45°C	0 ~ 45°C
Storage Temperature	-20°C ~ 50°C	-20°C ~ 50°C



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Humidity environment	5% ~ 90% (No condensation)	5% ~ 90% (No condensation)
Power Supply (AC Adapter)	100 ~ 240 V AC, 50/60 Hz, DC output: 12V/ 2.5A	100 ~ 240 V AC, 50/60 Hz, DC output: 12V/ 2.5A
Dimension	35.5 cm x 22.8 cm x 3.2 cm	40.4 cm x 25.3 cm x 3.3 cm
Accessories	AC Adapter / Brown BOX	AC Adapter / Brown BOX