

# Touch Screen Terminals and POS Tablets

**CRS**  
Quick Reference Guide



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Each of the SAM4s, Hisense all-in-one touch terminals and ruggedized tablets have been carefully selected from the world's foremost manufacturers to meet your most challenging requirements. All are built from industrial grade components, and designed to meet the rigors of quick service, hospitality, retail, healthcare, gaming, banking, kiosk and other demanding environments.

#### Choosing SAM4s and Hisense Benefits Your Dealership:

- Lower acquisition costs mean higher profits. Bundle terminals with other CRS peripherals such as printers and cash drawers for extra savings.
- CRS works directly with leading software publishers to ensure hardware compatibility.

- Projected Capacitive Touch and SSD is Available on Select Models!
- Encrypting MCR Option Available on All SAM4S Models!



Touch Screen Terminals		SAM4S SAP-6600	Hisense HK716	SAM4S SPT-4856	SAM4S SPT-7650	SAM4S SPT-S260	SAM4S SPT-S270J	SAM4S TITAN-360	SAM4S TITAN-560	Hisense HK570	Hisense HK718	Hisense HK950	
System	<b>CPU</b>	Intel Braswell N3160	ARM A53	Intel Braswell N3160	Intel Braswell N3160	Intel Braswell N3160	Intel Bay Trail Celeron J1900	Intel Braswell N3160	Intel Core i3	Intel Bay Trail Celeron J1900	Intel Bay Trail Celeron J1900	Intel i3 6100U Skylake	
	<b>Cores / Threads</b>	Quad Core / 4 Threads	8-Core	Quad Core / 4 Threads	Quad Core / 4 Threads	Quad Core / 4 Threads	Quad Core / 4 Threads	Quad Core / 4 Threads	Dual Core / 4 Threads	Quad Core / 4 Threads	Quad Core / 4 Threads	Dual Core / 4 Threads	
	<b>Cache Memory</b>	2MB		2MB	2MB	2MB	2MB	2MB	3MB	2MB	2MB	3MB Smart Cache	
	<b>FSB</b>			System on Chip	System on Chip	System on Chip	System on Chip	System on Chip	5 GT/s	System on Chip	System on Chip	System on Chip	
	<b>Chipset</b>	<b>Northbridge</b> <b>Southbridge</b>		System on Chip	System on Chip	System on Chip	System on Chip	System on Chip	System on Chip H61	System on Chip	System on Chip	System on Chip	
	<b>RAM Memory</b>	SODIMM DDR3		SODIMM DDR3	SODIMM DDR3	SODIMM DDR3L	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR4
	<b>Standard Memory</b>	2GB	2GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB
	<b>Maximum Memory Expansion</b>	8GB		8GB	8GB	8GB	8GB	8GB	16GB*	8GB	8GB	8GB	16GB
	<b>Mass Storage</b>	16GB M.2 SSD	16GB eMMC	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD
	<b>Number of Mass Storage Drive Slots</b>			1 Slot	2 Slots	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot
<b>Compatible Operating Systems</b>		Android 6.0 (Marshmallow)	Android 5.1 (Lollipop)	POSReady 7 / Windows 10 IoT Enterprise LTSB / Windows 7 Pro / 10 Pro (Specify 32BIT or 64BIT)			POSReady 7 / Windows 10 IoT Enterprise LTSB / Windows 7 Pro / 10 Pro (Specify 32BIT or 64BIT)			POSReady 7 / Windows 10 IoT Enterprise LTSB / Windows 7 Pro / 10 Pro (Specify 32BIT or 64BIT)			
Display	<b>Display Type</b>	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	True Flat LCD / LED	
	<b>Display Size</b>	15"	14"	15"	15"	15"	15"	15"	15"	15"	14"	15"	
	<b>Resolution</b>	1024 x 768	1366 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1366 x 768	1024 x 768	
	<b>Maximum Brightness</b>	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2	420 cd/m2	250 cd/m2	400 cd/m2	
	<b>Touch Panel</b>	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive
Components	<b>Integrated MCR</b>	<b>Interface</b> USB	USB	USB	USB	USB	USB	USB	USB	USB	USB	USB	
		<b>Number of Tracks</b>	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	
		<b>Encryption Upgrade</b>	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	
	<b>Integrated 2 x 20 VFD Customer Display</b>	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	
	<b>Integrated 2nd LCD Capable</b>		10" Option	9.7" or 15" Option	9.7" or 15" Option	9.7" or 15" Option	9.7" or 15" Option	9.7" or 15" Option	9.7" or 15" Option	10" or 15" Option	10" Option	10" or 15" Option	
<b>Integrated Speakers</b>	Standard	Option	Standard	Standard	Standard	Standard	Standard	Standard	Option	Option	Option		
<b>Wall Mountable</b>	Option		Option		Option	Option	Option	Option	Option	Option	Option		
<b>Printer</b>		58mm/80mm Thermal Option		Ellix 40 Thermal / Standard							58mm/80mm Thermal Option		
Ports	<b>Serial</b>	<b>External</b> 3	2	4	4	3	4	4	4	3	3	4	
		<b>Internal</b>		1	1		1	1	2	1			
	<b>Parallel</b>			1	1		1	1	1				
	<b>USB (V2.0)</b>	4 V.30 / 2 V2.0	6 V.20 / 1 V3.0	6	6	4 V.20 / 2 V3.0	6 V2.0	6	6	7 V.20 / 1 V3.0	6 V.20 / 1 V3.0	4 V2.0 / 2 V3.0	
	<b>Cash Drawer (12V/24V)</b>	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
	<b>HDMI</b>			1	1		1	1	1			1	
	<b>LAN (Mbps)</b>	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	100M/1000M
	<b>VGA</b>	1	1 (Internal)	1	1	1	1	1	1	1	1 (Internal)	1	
	<b>Audio</b>	1 Line Out	1 Line Out	1 Line In / Out	1 Line In / Out	1 Line Out	1 Line Out	1 Line In / Out	1 Line Out	1 Line Out	1 Line Out	1 Line Out	
	<b>Mic</b>			1	1		1		1			1	
<b>WiFi</b>	Standard	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option		
<b>Bluetooth</b>	Standard												
Power / Operation	<b>Power Supply Input</b>	<b>AC</b> 100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	
		<b>Hz</b>	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	
	<b>Power Supply Output</b>	<b>DC</b> 12V / 5A	24V / 2.5A	12V / 5A	12V / 5A	12V / 5A	12V / 5A	12V / 5A	19V / 7.9A	24V / 2.5A	24V / 2.5A	24V / 2.5A	
		<b>Watts</b>	60W	90W	60W	60W	60W	60W	150W	60W	90W	60W	
	<b>Current / Power Usage</b>	0.18A / 21.6W	0.25A / 36W	0.25A / 27W	0.28A / 31W	0.18A / 21.6W	0.18A / 21.6W	0.18A / 21.6W	0.25A / 27W	0.4A / 45W	0.25A / 36W	0.25A / 36W	0.39A / 42W
	<b>Operating Temperature</b>	32° - 104°	41° - 104°	32° - 104°	32° - 104°	32° - 95°	32° - 95°	32° - 95°	32° - 104°	32° - 95°	32° - 104°	41° - 104°	41° - 104°
	<b>Humidity (Non-Condensing)</b>	0% - 90%	40% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	20% - 80%	40% - 90%	40% - 90%
	<b>Dimensions (WxDxH)</b>	14-7/8" x 10-3/8" x 14-1/4"	13-1/2" x 8" x 15-1/2"	14-1/8" x 8-5/8" x 12-1/8"	14" x 12-3/16" x 16-7/16"	14-7/8" x 10-3/8" x 14-1/4"	14-7/8" x 10-3/8" x 14-1/4"	12-1/2" x 9-9/16" x 15"	12-1/2" x 9-9/16" x 15"	15-5/8" x 9-3/4" x 13"	13-1/2" x 8" x 15-1/2"	16" x 11-1/8" x 13-5/8"	
	<b>Shipping Carton Dimen. (LxWxH) / Weight</b>	19" x 13" x 18" / 17 lbs.	17" x 13" x 22" / 16.5 lbs.	20" x 16" x 13" / 17 lbs.	20" x 18" x 17" / 30 lbs.	20" x 19" x 13" / 19 lbs.	20" x 19" x 13" / 19 lbs.	19" x 17" x 13" / 19.2 lbs.	19" x 17" x 13" / 22.4 lbs.	20" x 17" x 9" / 15 lbs.	17" x 13" x 22" / 16.5 lbs.	21" x 15" 20" / 25 lbs.	
	<b>Safety and EMI</b>	FCC, RoHS	FCC, CE Class-B, RoHS	FCC, RoHS	FCC, RoHS	FCC, NRTL, RoHS	FCC, NRTL, RoHS	FCC, RoHS	FCC, RoHS	FCC, CE Class-B, RoHS	FCC, CE Class-B, RoHS	FCC, CE Class-B, RoHS	

\* = 64 Bit Operating System Blank = Not Applicable



Optional Smart Dock includes additional ports and can include an optional 2" thermal printer.

POS Printers		HM616	HM618	
Tablet	<b>Processor</b>	Intel Cerry Trail Z8350	Intel Cerry Trail Z8350	
	<b>Operating System</b>	Android 5.1	Windows 10 IoT Enterprise LTSB	
	<b>Memory</b>	4GB RAM	4GB RAM	
	<b>Display</b>	10.1" TFT LCD (LED Back-Light)	10.1" TFT LCD (LED Back-Light)	
	<b>Resolution</b>	1280 x 800	1280 x 800	
	<b>Brightness</b>	350 cd/m2	350 cd/m2	
	<b>Touch Panel</b>	True-Flat PCT	True-Flat PCT	
	<b>Storage</b>	64GB eMMC	64GB eMMC	
	<b>Camera</b>	<b>Front</b>	2 Megapixel	2 Megapixel
		<b>Back</b>	5 Megapixel (Supports 2D Barcode Function)	5 Megapixel (Supports 2D Barcode Function)
<b>Scanner</b>	Optional 1D or 2D Scanner	Optional 1D or 2D Scanner		
<b>Battery</b>	<b>Type</b>	9000mAh (3.7V)	9000mAh (3.7V)	
	<b>Life</b>	8 Hours (With 50% Brightness)	8 Hours (With 50% Brightness)	
<b>Wireless</b>	<b>WiFi</b>	Dual Band WiFi 2.4GHz / 5GHz	Dual Band WiFi 2.4GHz / 5GHz	
	<b>Bluetooth</b>	Integrated Bluetooth V4.1	Integrated Bluetooth V4.1	
<b>Speaker</b>	2 Internal Speakers	2 Internal Speakers		
<b>Audio</b>	3.5mm Socket	3.5mm Socket		
<b>MCR</b>	Standard Integrated Triple Track	Standard Integrated Triple Track		
<b>NFC</b>				
Connectivity	<b>Tablet Connector</b>	10 Pin Pogo Style Connector	10 Pin Pogo Style Connector	
	<b>Tablet I/O Interface</b>	Audio Jack / Nano SIM / Micro SD / Micro USB / USB 3.0 / DC Jack (5V) / Micro HDMI	Audio Jack / Nano SIM / Micro SD / Micro USB / USB 3.0 / DC Jack (5V) / Micro HDMI	
	<b>Charging Dock I/O Interface</b>	2 USB 2.0 / Charging Jack (5V)	2 USB 2.0 / Charging Jack (5V)	
	<b>Smart Dock I/O Interface</b>	3 USB 2.0 / LAN (RJ45) / 2 RS232C / Cash Drawer Port (RJ11) / DC Jack (24V)	3 USB 2.0 / LAN (RJ45) / 2 RS232C / Cash Drawer Port (RJ11) / DC Jack (24V)	
<b>Power</b>	<b>Tablet</b>	5V/4.0A External Power Adaptor	5V/4.0A External Power Adaptor	
	<b>Charging Dock</b>	100-240V 50/60Hz	100-240V 50/60Hz	
<b>Smart Dock</b>	<b>Tablet</b>	12V/3.75A External Power Adaptor	12V/3.75A External Power Adaptor	
	<b>Charging Dock</b>	100-240V 50/60Hz	100-240V 50/60Hz	
Power / Operation	<b>Temperature</b>	<b>Operating</b>	32° ~ 104°	32° ~ 104°
		<b>Storage</b>	- 4° ~ 140°	- 4° ~ 140°
	<b>Humidity (Non-Condensing)</b>	<b>Operating</b>	20% ~ 80%	20% ~ 80%
		<b>Storage</b>	10% ~ 90%	10% ~ 90%
<b>Dimensions</b>	<b>Tablet</b>	11-1/16"W x 7/8"D x 7-3/4"H	11-1/16"W x 7/8"D x 7-3/4"H	
	<b>Tablet/Charging Dock</b>	11-1/16"W x 4-3/4"D x 8-7/8"H	11-1/16"W x 4-3/4"D x 8-7/8"H	
	<b>Tablet/Smart Dock</b>	11-1/16"W x 8-5/8"D x 14-1/2"H	11-1/16"W x 8-5/8"D x 14-1/2"H	
	<b>Shipping Carton</b>	12-1/4"L x 8-3/4"W x 3"H / 3.38 lbs.	12-1/4"L x 8-3/4"W x 3"H / 3.38 lbs.	
<b>Safety and EMI</b>		FCC Class-B / CD Class-B / RoHS	FCC Class-B / CD Class-B / RoHS	

Blank = Not Applicable