

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 TITAN-360	SAM4s TITAN-560	Hisense HK570	Hisense HK718	Hisense HK950	
System	CPU	Intel Braswell N3160	ARM A53	Intel Braswell N3160	Intel Braswell N3160	Intel Braswell N3160	Intel Braswell N3160	Intel Core i3	Intel Bay Trail Celeron J1900	Intel Bay Trail Celeron J1900	Intel i3 6100U Skylake	
	Cores / Threads	Quad Core / 4 Threads	8-Core	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	
	Clock Speed	2.24GHz	1.4GHz	2.24GHz	2.24GHz	2.24GHz	2.24GHz	3.3GHz	2.42GHz	2.42GHz	2.3GHz	
	Cache Memory	2MB		2MB	2MB	2MB	2MB	3MB	2MB	2MB	3MB Smart Cache	
	FSB			System on Chip	System on Chip	System on Chip	System on Chip	5 GT/s	System on Chip	System on Chip	System on Chip	
	Chipset	Northbridge		On CPU	System on Chip	System on Chip	System on Chip	System on Chip	On CPU	On CPU	On CPU	On CPU
		Southbridge							H61	NM10	NM10	NM10
	RAM Memory		SODIMM DDR3		SODIMM DDR3	SODIMM DDR3	SODIMM DDR3L	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR4
	Standard Memory		2GB	2GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB	4GB
	Maximum Memory Expansion		8GB		8GB	8GB	8GB	8GB	16GB*	8GB	8GB	16GB
Mass Storage		16GB M.2 SSD	16GB eMMC	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	128GB SSD	
Number of Mass Storage Drive Slots				1 Slot	2 Slots	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot	1 Slot	
Compatible Operating Systems		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	Display Type	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	
	Display Size	15"	14"	15"	15"	15"	15"	15"	15"	14"	15"	
	Resolution	1024 x 768	1366 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	
	Maximum Brightness	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	
	Touch Panel	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	
Components	Integrated MCR	Interface	USB	USB	USB	USB	USB	USB	USB	USB	USB	
		Number of Tracks	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	
		Encryption Upgrade	Option	Option	Option	Option	Option	Option	Option	Option	Option	
	Integrated 2 x 20 VFD Customer Display		Option	Option	Option	Option	Option	Option	Option	Option	Option	
	Integrated 2nd LCD Capable			10" Option	7", 9.7" or 15" Option	7", 9.7" or 15" Option	9.7" or 15" Option	7", 9.7" or 15" Option	7", 9.7" or 15" Option	10" or 15" Option	10" Option	10" or 15" Option
	Integrated Speakers		Standard	Option	Standard	Standard	Standard	Standard	Standard	Option	Option	Option
Wall Mountable		Option		Option		Option	Option	Option	Option		Option	
Printer			58mm/80mm Thermal Option		Ellix 40 Thermal / Standard					58mm/80mm Thermal Option		
Ports	Serial	External	3	2	4	4	3	4	4	3	3	4
		Internal			1	1		1	2	1		
	Parallel				1	1		1	1			
	USB (V2.0)		4 V.30 / 2 V2.0	6 V.20 / 1 V3.0	6	6	4 V.20 / 2 V3.0	6	6	7 V.20 / 1 V3.0	6 V.20 / 1 V3.0	4 V2.0 / 2 V3.0
	Cash Drawer (12V/24V)		Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	HDMI				1	1		1				1
	LAN (Mbps)		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
	VGA		1	1 (Internal)	1	1	1	1	1	1	1 (Internal)	1
	Audio		1 Line Out	1 Line Out	1 Line In / Out	1 Line In / Out	1 Line Out	1 Line In / Out	1 Line Out	1 Line Out	1 Line Out	1 Line Out
	Mic				1	1		1		1		
WiFi		Standard	Option	Option	Option	Option	Option	Option	Option	Option	Option	
Bluetooth		Standard										
Power / Operation	Power Supply Input	AC	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V	100 - 240V
		Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
	Power Supply Output	DC	12V / 5A	24V / 2.5A	12V / 5A	12V / 5A	12V / 5A	12V / 5A	19V / 7.9A	24V / 2.5A	24V / 2.5A	24V / 2.5A
		Watts	60W	90W	60W	60W	60W	60W	150W	60W	90W	60W
	Current / Power Usage		0.18A / 21.6W	0.25A / 36W	0.25A / 27W	0.28A / 31W	0.18A / 21.6W	0.25A / 27W	0.4A / 45W	0.25A / 36W	0.25A / 36W	0.39A / 42W
	Operating Temperature		32° - 104°	41° - 104°	32° - 104°	32° - 104°	32° - 95°	32° - 104°	32° - 95°	32° - 104°	41° - 104°	41° - 104°
	Humidity (Non-Condensing)		0% - 90%	40% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	20% - 80%	40% - 90%	40% - 90%
	Dimensions (Inches WxHxD)		14-7/8" x 14-1/4" x 10-3/8"	13-1/2" x 15-1/2" x 8"	14-1/8"x12-1/8"x8-5/8"	14" x 16-7/16" x 12-3/16"	14-7/8" x 14-1/4" x 10-3/8"	12-1/2" x 15" x 9-9/16"	12-1/2" x 15" x 9-9/16"	15-5/8" x 13" x 9-3/4"	13-1/2" x 15-1/2" x 8"	16" x 13-5/8" x 11-1/8"
Shipping Weight		18.79 lbs.	15 lbs.	17.5 lbs.	30.0 lbs.	18.79 lbs.	20.02 lbs.	20.02 lbs.	15 lbs.	15 lbs.	25 lbs.	
Safety and EMI		FCC, RoHS	FCC, CE Class-B, RoHS	FCC, RoHS	FCC, 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	Processor	Intel Cerry Trail Z8350	Intel Cerry Trail Z8350	
	Operating System	Android 5.1	Windows 10 IoT Enterprise LTSB	
	Memory	4GB RAM	4GB RAM	
	Display	10.1" TFT LCD (LED Back-Light)	10.1" TFT LCD (LED Back-Light)	
	Resolution	1280 x 800	1280 x 800	
	Brightness	350 cd/m2	350 cd/m2	
	Touch Panel	True-Flat PCT	True-Flat PCT	
	Storage	64GB eMMC	64GB eMMC	
	Camera	Front	2 Megapixel	2 Megapixel
		Back	5 Megapixel (Supports 2D Barcode Function)	5 Megapixel (Supports 2D Barcode Function)
Scanner	Optional 1D or 2D Scanner	Optional 1D or 2D Scanner		
Battery	Type	9000mAh (3.7V)	9000mAh (3.7V)	
	Life	8 Hours (With 50% Brightness)	8 Hours (With 50% Brightness)	
Wireless	WiFi	Dual Band WiFi 2.4GHz / 5GHz	Dual Band WiFi 2.4GHz / 5GHz	
	Bluetooth	Integrated Bluetooth V4.1	Integrated Bluetooth V4.1	
Speaker	2 Internal Speakers	2 Internal Speakers		
Audio	3.5mm Socket	3.5mm Socket		
MCR	Standard Integrated Triple Track	Standard Integrated Triple Track		
NFC				
Connectivity	Tablet Connector	10 Pin Pogo Style Connector	10 Pin Pogo Style Connector	
	Tablet I/O Interface	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	
	Charging Dock I/O Interface	2 USB 2.0 / Charging Jack (5V)	2 USB 2.0 / Charging Jack (5V)	
	Smart Dock I/O Interface	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)	
Power / Operation	Power	Tablet	5V/4.0A External Power Adaptor	5V/4.0A External Power Adaptor
		Charging Dock	100-240V 50/60Hz	100-240V 50/60Hz
	Temperature	Operating	32° ~ 104°	32° ~ 104°
		Storage	- 4° ~ 140°	- 4° ~ 140°
	Humidity (Non-Condensing)	Operating	20% ~ 80%	20% ~ 80%
		Storage	10% ~ 90%	10% ~ 90%
Dimensions (Inches W x H x D)	Tablet	11-1/16 x 7-3/4 x 7/8	11-1/16 x 7-3/4 x 7/8	
	Tablet/Charging Dock	11-1/16 x 8-7/8 x 4-3/4	11-1/16 x 8-7/8 x 4-3/4	
	Tablet/Smart Dock	11-1/16 x 14-1/2 x 8-5/8	11-1/16 x 14-1/2 x 8-5/8	
Safety and EMI		FCC Class-B / CD Class-B / RoHs	FCC Class-B / CD Class-B / RoHs	

Blank = Not Applicable