

# Touch Screen Terminals and Monitor

**CRS**  
Quick Reference Guide



Each SAM4s, Hisense all-in-one touch terminals and touch monitors 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, healthcare, gaming, 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!
- New 8" and 10" Android and Windows Tablets Available!



**BUDGET FRIENDLY**

Select Models Include...



Touch Screen Terminals		SAM4s SAP-4800II	SAM4s SPT-4740	SAM4s SPT-4846	SAM4s SPT-7640	SAM4s TITAN-160	SAM4s TITAN-560	Hisense HK570	
System	CPU	ARM Cortex - A9	Celeron 1037U	Celeron 1037U	Celeron 1037U	Celeron 1037U	Celeron 1037U	Intel Bay Trail Celeron J1900	
	Cores / Threads	Quad Core	Dual Core / 2 Threads	Dual Core / 2 Threads	Dual Core / 2 Threads	Dual Core / 2 Threads	Dual Core / 4 Threads	Quad Core / 4 Threads	
	Clock Speed	1.0GHz	1.8GHz	1.8GHz	1.8GHz	1.8GHz	3.3GHz	2.42GHz	
	Cache Memory	8GB Flash	2MB	2MB	2MB	2MB	3MB	2MB	
	FSB		5 GT/s	5 GT/s	5 GT/s	5 GT/s	5 GT/s	SOC	
	Chipset	Northbridge		On CPU	On CPU	On CPU	On CPU	On CPU	On CPU
		Southbridge		NM70	NM70	NM70	NM70	H61	
	RAM Memory	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	SODIMM DDR3	
	Standard Memory	1GB	4GB	4GB	4GB	4GB	4GB	4GB	
	Maximum Memory Expansion						16GB*	8GB	
Disk Drive (320GB HDD / 128GB SSD)	8GB Nand Flash	Choose HDD or SSD	Choose HDD or SSD	Choose HDD or SSD	Choose HDD or SSD	Choose HDD or SSD	Choose HDD or SSD	SSD	
Number of Mass Storage Drive Slots		1 Slot	1 Slot	2 Slots	1 Slot	1 Slot	1 Slot		
Compatible Operating Systems	Android ICS 4.04	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)	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)	POSReady 7 / Windows 10 IoT Enterprise LTSB / Windows 7 Pro / 10 Pro (Specify 32BIT or 64BIT)	
Display	Display Type	Bezeled LCD / LED	Bezeled 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"	15"	15"	15"	15"	15"	15"	
	Resolution	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 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	
	Touch Panel	Resistive	Resistive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive	
Components	Integrated MCR	Interface	USB	USB	USB	USB	USB	USB	
		Number of Tracks	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	Triple Track	
		Encryption Upgrade	Option	Option	Option	Option	Option	Option	
	Integrated 2 x 20 VFD Customer Display	Option	Option	Option	Option	Option	Option	Option	
	Integrated 2nd LCD Capable		7", 9.7" or 15" Option	7", 9.7" or 15" Option	7", 9.7" or 15" Option	7", 9.7" or 15" Option	7", 9.7" or 15" Option	10" or 15" Option	
Integrated Speakers	Standard	Standard	Standard	Standard	Standard	Standard	Option		
Wall Mountable	Option	Option	Option		Option	Option	Option		
Printer				Ellix 40 Thermal / Standard					
Ports	Serial	External	4	4	4	4	4	3	
		Internal		2	2	2	2	1	
	Parallel		1	1	1	1	1		
	USB (V2.0)	4	6	6	6	6	6	7 V.20 / 1 V3.0	
	Cash Drawer (12V/24V)	2 Standard	Standard	Standard	Standard	Standard	Standard	Standard	
	LAN (Mbps)	10/100	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000	
	VGA		1	1	1	1	1	1	
	Audio		1 Line In / Out	1 Line In / Out	1 Line In / Out	1 Line In / Out	1 Line In / Out	1 Line Out	
	Mic		1	1	1	1	1	1	
	WiFi	Standard	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	
		Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	
	Power Supply Output DC	DC	12V / 5A	12V / 5A	12V / 5A	12V / 5A	12V / 5A	19V / 7.9A	
		Watts	60W	60W	60W	60W	60W	150W	
	Current / Power Usage	0.37A / 45W	0.25A / 27W	0.25A / 27W	0.28A / 31W	0.25A / 27W	0.4A / 45W	0.25A / 36W	
	Operating Temperature	32° - 95°	32° - 104°	32° - 104°	32° - 104°	32° - 104°	32° - 95°	32° - 104°	
	Humidity (Non-Condensing)	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	0% - 90%	20% - 80%	
	Dimensions (Inches WxHxD)	14-1/8"x12-1/8"x8-5/8"	14-1/8"x12-1/8"x8-5/8"	14-1/8"x12-1/8"x8-5/8"	14" x 16-7/16" x 12-3/16"	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"	
Shipping Weight	16.06 lbs.	17.5 lbs.	17.5 lbs.	30.0 lbs.	20.02 lbs.	20.02 lbs.	15 lbs.		
Safety and EMI	FCC, RoHS	FCC, RoHS	FCC, RoHS	FCC, RoHS	FCC, RoHS	FCC, RoHS	FCC & CE Class-B / RCM / RoHS		

\* = 64 Bit Operating System Blank = Not Applicable

## Swivel Base



The 13" x 19" swivel base is perfect for a POS terminal and printer at a shared workstation like bartender and server. This size works for touch terminals and the SNBC BTP-R580II POS printer (shown) and any other terminal and POS printer.

Item No. 522000





Touch Screen Monitors		SPM-T15	
Display	Display Type	LCD	
	Display Size	15"	
	Resolution	1024 x 768	
	Maximum Brightness	250 cd/m2	
	Touch Panel	Resistive	
	Touch Technology	E-Turbo	
	Colors	16.2 Million	
	Contrast Ratio	500:1	
Viewing Angle	Adjustable Angle	0° - 90°	
	Viewing Angle	Horizontal Vertical	
Comp.	Integrated MCR	150° 130°	
	Interface	USB	
Ports	Number of Tracks	Triple Track	
	Wall Mountable VESA Measurements	75mm x 75mm	
Ports	Serial	1	
	Parallel	1	
	USB (V2.0)	1	
	VGA	1	
	DVI	1	
Power / Operation	Input	AC	100 - 240V
		Hz	50 - 60
	Output DC	DC	12V / 3.33A
		Watts	30W
	Current / Power Usage		0.25A / < 30W
	Operating Temperature		32° - 104°
	Humidity (Non-Condensing)		10% - 90%
	Dimensions (Inches WxHxD)		13-7/8" x 12" x 8-5/8"
Shipping Weight		15.2 lbs.	
Safety and EMI		CE, FCC, RoHS	

Blank = Not Applicable

## Industrial Grade LCD Monitor Mounting Brackets



### Adjustable Wall Swing Arm Bracket

Designed to allow 3-axis pivoting while extending the monitor up to 16 inches from the wall.

- Adjustable Display Position
- Arm with One Joint Fully Extended Up To 16"
- Meets VESA Standard
- 75 x 75mm and 100 x 100mm
- Mounting Hardware and Bubble Level Included
- Steel and ABS Construction
- Supports LCD Monitors Up To 22 lbs.

Item No. 522017



### Adjustable Wall Mount Bracket

Designed to allow 3-axis pivoting while keeping the monitor close to the wall.

- Two Piece Design for Ease of Installation
- VESA 75mm and 100mm Compatible
- 3-Axis Adjustment
- Mounting Hardware Included
- Steel and ABS Construction
- Adjustable Ball Joints With Wrench
- Supports LCD Monitors Up To 25 lbs.

Item No. 522015

### Ceiling Mount Bracket

Heavy-duty adjustable pole mount. Designed for solid ceilings and heavy monitors.

- Adjusts From 3' 6" to 6' 3"
- All Steel Construction
- Powder Coated Black
- VESA 75mm and 100mm Compatible
- Knuckle on Bottom to Allow 2-Axis Adjustment
- Holds Up To a 27" LCD Monitor
- 2-1/4" Diameter Tube

(TM-150A Shown)

Item No. 522016

### Fixed Wall Mount Bracket

Designed to keep the monitor close to the wall.

- Two Piece Design for Ease of Installation
- VESA 75mm Compatible
- Steel Construction

Item No. 522021

