

SMICE

S M A R T + N I C E = S M I C E



SMICE IS THE NEW LINE OF PRINTING PERIPHERALS DESIGNED TO REVOLUTIONIZE THE POINT-OF-SALE MARKET (P.O.S.)

THE FULL RANGE OF **SMICE** PRODUCTS OFFERS INNOVATIVE, DYNAMIC SOLUTIONS UNIQUE IN MEETING THE REQUIREMENTS OF THE RETAIL AND HOSPITALITY SECTORS NOT ONLY TODAY, BUT IN THE YEARS TO COME.

SMICE IS A PERFECT MATCH OF SIMPLICITY AND DESIGN

QUALITY AND RELIABILITY ARE THE PHILOSOPHY BEHIND THE **SMICE** CONCEPT.

CONFIGURATION FLEXIBILITY AND ENHANCED OUTPUT CAPABILITIES ARE THE LEADING FEATURES OF THE **SMICE** LINE.

SMICE ... GLOBAL APPROACH TO PRINTING TECHNOLOGY



CUSTOM[®]
TECNOLOGIE ELETTRONICHE APPLICATE



▪ **RESOLUTION:**

▪ **203 DPI**

▪ **PRINTING SPEED:**

▪ **165 MM/S**

▪ **BAUD RATE:**

▪ **UP TO 230.400 BPS**

THERE ARE THREE SMICE MODELS, EACH DESIGNED FOR A SPECIFIC PAPER WIDTH. THE BASE MODEL UTILIZES 80 OR 112 MM-WIDE PAPER SELECTED FROM A SIMPLE SETUP ROUTINE. THE 70+38 DOUBLE ROLL MODEL (RECEIPT - 70 MM AND DAILY LOG - 38 MM) CAN EITHER BE EQUIPPED WITH AN INDEPENDENT- (DOUBLE MOTOR) OR SIMULTANEOUS- (SINGLE MOTOR) FEED FOR EACH ROLL. BOTH DOUBLE-ROLL MODELS MAY BE ORDERED WITH THE FISCAL DATA STORAGE OPTION AND ALL MODELS SUPPORT THE COMPUTERIZED JOURNAL OPTION (BOTH INTERNAL AND EXTERNAL) THANKS TO THE USE OF A COMPACT FLASH CARD WITH UP TO 96MB.

THE SPEED OF SMICE PRINTERS IS NOTEWORTHY FOR A HIGH RESOLUTION (8 DOTS/MM) THERMAL PRINTER. WITH 112 MM PAPER, THE PRINTING SPEEDS ARE 105 MM/SEC. IN HIGH QUALITY, 135 MM/SEC. IN NORMAL AND 165 MM/SEC. IN HIGH SPEED.

THE DRIVERS (WIN 98, NT, WIN 2000, LINUX) AND EMULATIONS (ESC/POS) IT OFFERS MEAN SMICE EQUIPMENT IS COMPATIBLE WITH ALL CURRENT INTERFACE SYSTEMS.

IT CAN ALSO SUPPORT FONT EDITOR, LOGO EDITOR AND THE RECENTLY-RELEASED PRINT SCREEN DRIVER THAT ALLOWS THE TRANSFER AND AUTOMATIC RESIZING OF A4-FORMAT DOCUMENTS ON PRINTERS WITH 112 MM PAPER.

PRINTING METHOD:	THERMAL, 8 DOTS/MM FIXED HEAD	
RESOLUTION:	203 DPI	
PRINTING SPEED (DOT LINE/S) :	960 DOT/SEC (NORMAL)	
PRINTING SPEED (MM/S):	105 MM/S HIGH QUALITY	
	135 MM/S NORMAL	
	165 MM/S HIGH SPEED	
PAPER WIDTH:	112 MM	
	80 MM	
	70 + 38M	
ROLL DIAMETER:	80 MM MAX. +/-5MM	
SENSORS:	NO PAPER, COVER OPEN,	
	HEAD TEMPERATURE, MOTOR TEMPERATURE	
PRINTING DIRECTION:	STRAIGHT, 90°, 180°, 270°	
TYPE STYLES:	NORMAL, 1X TO 8X HEIGHT AND WIDTH,	
	REVERSE, UNDERSCORED,	
	ITALIC, BOLD	
CHARACTER SETS:	ASCII STANDARD, INTERNATIONAL	
EMULATION:	ESC/POS	
INTERFACES:	RS232, CASH DRAWER	
BAUD RATE:	1200 BPS TO 230.400 BPS	
DATA BUFFER:	8K BYTE	
FLASH MEMORY:	256 KBYTE	
GRAPHICS MEMORY:	1 LOGO - 832 X 630 DOTS	
DRIVERS:	WIN 95, 98, 2000, NT; LINUX	
SOFTWARE OPTIONS:	FONT EDITOR; LOGO EDITOR; PRINT SCREEN	
R.T.O.S. OPERATING SYSTEM:	AVAILABLE	
OPTIONS:	RTCK, RS485, RS422, TTL, CENTRONICS,	
	RS232, USB, ETHERNET; IRDA	
COMPUTERIZED JOURNAL:	AVAILABLE	
VOLTAGE:	24 VDC +/- 10%	
ABSORPTION (AT NORMAL CURRENT SETTING):	STAND-BY	0,15 A
	MEDIUM (50% DOT ON)	3 A
	PEAK (100% DOT ON)	5 A
ENVIRONMENTAL CONDITIONS:	OPERATING TEMPERATURE: 0°C - 50°C	
	RELATIVE HUMIDITY: 35% - 85% WITHOUT CONDENSATION	
	STORAGE TEMPERATURE: -20°C - +70°C / 10% - 90%	
DIMENSIONS IN MM:	242 X 186 X 132 H	



IN ADDITION, **SMICE** IS THE ONLY PRINTER IN THE WORLD TO OFFER, ON REQUEST, AN **R.T.O.S. (REAL TIME OPERATING SYSTEM)**. THANKS TO ITS **DEBUG ENVIRONMENT**, **R.T.O.S.** GIVES PROGRAMMING AND APPLICATIONS PERSONNEL THE FREEDOM TO DEVELOP AND WRITE PERSONALIZED APPLICATIONS SO THAT **SMICE** PRODUCTS CAN EVOLVE IN RESPONSE TO CUSTOMER REQUIREMENTS.

FOR EXAMPLE, WITH **R.T.O.S.**, **SMICE** MAY BE USED AS A CASH REGISTER THAT CAN BE CONFIGURED ACCORDING TO THE APPLICATION DESIRED (MANAGEMENT OF FISCAL DATA, DATA BANKS, PERIPHERALS, ETC.) IN AN INDEPENDENT, PERSONALIZED MANNER.

IT MAY ALSO BE USED AS A **TCP/IP PRINTER** (A TRUE **WEB NODE**) OR HAVE A SPECIAL CUSTOMER-DEVELOPED PROTOCOL TO COORDINATE SUCH PERIPHERAL DEVICES AS TOUCH-SCREENS, KEYBOARDS, CUSTOMER DISPLAYS AND OTHER PRINTERS. IT WILL ALSO MANAGE INTERNAL OPTIONS LIKE FISCAL DATA STORAGE, TWO INTERCONNECTED **256 KB RAM** DAILY LOG DATA BANKS (FISCAL ONLY), COMPACT FLASH CARD MEMORY (TREATED AS A NORMAL HARD DISK) AND OTHER FEATURES DESIGNED TO MEET CUSTOMER DEMAND AND LEGISLATION REQUIREMENTS IN COUNTRIES THROUGHOUT THE WORLD.

ITS WIDE RANGE OF INTERFACES MAKE IT TRULY FLEXIBLE. STANDARD INTERFACES INCLUDE A SERIAL **RS232** WITH 25-PIN CONNECTOR AND BAUD RATE OF UP TO 230,000 BPS, A SERIAL **RS232** WITH TELEPHONE PLUG UP TO 38,000 BPS AND POSSIBILITY OF SUPPLYING EVEN EXTERNAL PERIPHERALS, AND A CASH DRAWER CONNECTOR, A PAIR OF WHICH MAY BE CONNECTED IN SERIES.

OTHER OPTIONAL INTERFACES INCLUDE: SERIAL - **RS-485**, **RS422**, **TTL**; PARALLEL - **CENTRONICS** AND **REAL TIME CLOCK (RTCK)**. **USB**, **ETHERNET** AND **RADIO** INTERFACES ARE CURRENTLY UNDER DEVELOPMENT.

SMICE



THE SELF-CUTTER IS STANDARD ON ALL MODELS AND TWO DIFFERENT POWER SUPPLIES ARE AVAILABLE—THE STANDARD POWER SUPPLY FOR NORMAL PRINTER FUNCTIONS, OR AN ENHANCED VERSION THAT CAN SUPPORT THE CONNECTION OF OTHER PERIPHERAL DEVICES FOR WHICH POWER IS SUPPLIED DIRECTLY BY THE SMICE.



THE EXTERNAL COMPACT FLASH MEMORY CARD IS AVAILABLE TO BACK UP AND ENTER NEW DATA INTO THE SYSTEM OR BE USED AS A REMOVABLE DAILY LOG WITH 96 MB OF MEMORY.

IN ADDITION TO ITS FISCAL DATA STORAGE FEATURE, THE FISCAL MODEL CAN INCLUDE, AS AN OPTION, A BANK OF 2 RAM, 256 KB EACH.



SMICE ... THE GLOBAL APPROACH
TO PRINTING TECHNOLOGY FOR THE NEW MILLENNIUM



SMICE



• **WIN DRIVER 95, 98, 2000; NT; LINUX**

• **SOFTWARE:
FONT EDITOR; LOGO
EDITOR; PRINT SCREEN**

• **R.T.O.S.
OPERATING SYSTEM**





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