



Basic System

CMX1000S-SSE

CMX Seriesの使いやすさをそのままに、小型パネル検査に最適な5電源を搭載CPU、SPI、プログラムにて対応なシステム

CMX series standard. They are 5ch power supplies and CPU, SPI command is programmable for the small panel driving.

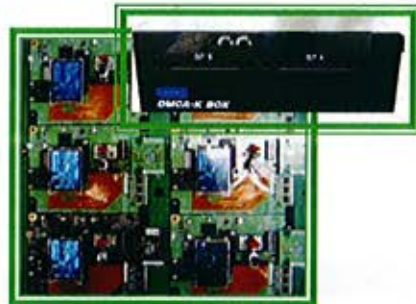


Full SPEC 2ch

CMX1000M-SSE
(Full)

Total 10chの電源を備えたフルスペックシステム、外部分配にて複数検査が可能

10ch Power supply available. They are used for 2pcs panel distribution system. For mobile DSC Ltps



Accessaries

CMX-DMCA-K
Distributor

SSEシリーズに外部接続することで2枚パネルを同時検査することが可能。検査時間の短縮を図ります。アナログパネルにも対応 (Option)

These accesaries help manufacturing method ex) Two panels can be inspected by connecting the external with the SSE series. And It corresponds to an analog panel. (Option)

CMX SSE (Small Panel Edition)

本製品は小型液晶検査に必要な信号電源を供給するシステムで目視による画質検査やその他機器への組込みに対応します。

This product prepare signal and power for small size LCD testing easily. it can be used for manual testing and embedded with other machine

特長

□MPEG/AVI対応動画信号発生出力

Moving picture / MPEG/AVI

□上位ホストとnetworkでダイレクト接続でき、貴重な検査情報がリアルタイムにモニター可能

Direct data link to the host computer (CIM)
The real time monitoring of some test data

□電源(バックライト等)ユニットとの一体化した制御機能で、全てプログラム可能

Almost parameter can be programmed by the control software that integrated with power supply (backlight etc.) and signal unit.

□CPUBUS、SPIさまざまなI/Fに対応するデータ専用プログラムにて作成が可能

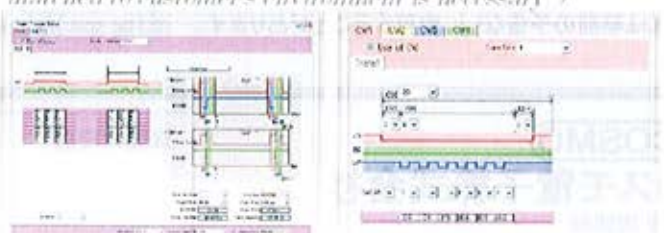
A CPU BUS SPI various command transfer I/F can be made by a Standard software

□ピンスワップ機能搭載、ケーブルなどの変更なしにパネルの変更が可能 (デジタル信号ラインのみ)

Pin Swapping function is prepared. it can be swapping signal pin assignment without any cables changes (only Digital Signal Line)

□新開発電流測定Unitの搭載で1uA単位の動作電流をモニター可能 (お客様の環境に合わせた調整が必要です)

It can monitor the actuating current of min 1uA by newly developed current measurement system. (The adjustment matched to customer's environment is necessary.)



CMX=SSE (Small Panel Edition)

中小型液晶パネル用信号発生器

CMX1000S/M -SSE Catalog specification

(a) System Specification

Basic System	Signal generator main body personal computer based LCD display 1024x768 (for operation monitor) Keyboard (for operation), Mouse(for operation) Based on Windows XP home edition (Professional edition option) HDD 80G Memory 512MByte CPU Celeron 2.0G (Pentium4 2.8G option)
Operation Style	Operation monitor display area 1024 x 768(XGA) Some of the parameter show on the display picture , cursor address, voltage, current etc. Ten keypad is used for operation pattern , level ,RGB changing etc Mouse is used for cursor position moving.
Test Recipe Edit	CMX1000S/M standard edit software SG-programmer included.
Box Outline	CMX1000S 390mm(W) x 280mm(D) x 108mm(H) (Except projection) CMX1000M 500mm(W) x 280mm(D) x 108mm(H) (Except projection)
Weight	Signal generator main body 5.8kg ,7.0kg Keyboard 1kg LCD 4kg Mouse 200g
External Ports	RS-232C (1ch) USB (4ch) Parallel port(1ch) PS2 Mouse(1ch) PS2 keyboard (1ch) Ethernet port (1ch)

(b) Software Specification (CMX SG Programmer)

Test Recipe Editing program	CMX SG Programmer is attached as standard. Configurable parameters are / Pattern / Voltage / Current Limit / Clock / etc .
Available Picture type	BMP , JPG , GIF , PMT(Cosmo original pattern drawing command)
Available Moving Picture type	MPEG1 , AVI
Available Patterns	Over 50 preset pattern available
Chip drive configuration	CPU BUS type /transfer counts/ Pin map/ programmable

(c) Operation Specification

Input(Operation) Voltage	AC85-240V 50/60[Hz]
Power Consumption	100V/4A , 200V/2A
Operation Temperature	10°C~40°C
Operation Humidity	85% (Without water ball)

(d) Signal Generator Specification (SG card type LTIE10-SG-PCI-SSE)

Control Signal	HD, VD, DE, DCLK, CS, RS, RESET, WR
Resolution	Dot Max 1024Dot Line Max 1024Line
Data transfer Method	LVDS 2ch Data Read TTL
Data transfer Clock range	Max 40MHz Min 1MHz
Data Bus I/F	RGB I/F 68/80 Family (Full Programmable)

CPX1000 SERIES Power Supply Unit for CMX1000S/M

	CMX1000S-SSE	CMX1000M-SSE(Full)	CMX1000M-SSE(Lite)
Output Power	CH1: 1 - 6V/0.2A CH2: 1 - 15V/0.2A CH3: 1 - 15V/0.5A CH4: 1 - 25V/0.2A CH5: -25 - -1V/0.2A System1: 3.3/ 5V/1A System2: 5/12V/1A	CH1,6: 1 - 6V/0.2A CH2,7: 1 - 15V/0.2A CH3,8: 1 - 15V/0.5A CH4,9: 1 - 25V/0.2A CH5,10: -25 - -1V/0.2A System1: 3.3/5V/1A System2: 5/12V/1A	CH1: 1 - 6V/0.2A CH2: 1 - 15V/0.2A CH3: 1 - 15V/0.5A CH4: 1 - 25V/0.2A CH5: -25 - -1V/0.2A
Voltage Measurement	5ch	10ch	10ch(DMCA-K necessary)
LED-Constant Current Function	Option	Option	Option
Touch Panel Test Function	Option	Standard	Option
Flicker Adjustment Function	Option	Standard	Option
DMCA-K(2pcs Distributer Box)	Not available	Option	Option

※仕様は事前の予告なしに変更することがあります。 ※The specification of this equipment will be changed without any notice.

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コスモ電子株式会社

電子機器部

〒510-0844 三重県四日市市宝町1番地

TEL:059(349)1123, Fax:059(349)1143

http://www.csm-deb.gr.jp/

販売代理店