

Computex Taipei Expo 2010 Catalog

• Audio Video Production Solutions



MX-1003
MX-1004



VW-1104
VW-1109



CMX-07
CMX-12



SB-4140
SB-8180



CMLUX-44S
CMLUX-88S



TG-10T/R
TG-10STX



CWHD1-TX1/RX1
CWHD1-TX2/RX2

CONTENTS

Contents.....	1
STUDIO - AV Recorder	
DSS-R-CL1100	VGA Multimedia Recorder..... 2
PDR-1	Portable Digital Audio Recorder..... 2
MT-1	Digital Music Tutor..... 2
PA-100	DigiRec Microphone..... 2
STUDIO - AV Processor	
MX-1003	Dual-View Video Processor..... 3
MX-1004	Quasi Quad-View Video Processor..... 3
VW-1104	4 Display Dual-View Videowall Processor..... 3
VW-1109	9 Display Dual-View Videowall Processor..... 3
SP-5018M	2x8 HDMI CAT5 Matrix Switcher..... 4
SP-5028	2x8 HDMI CAT5 Cascading Matrix Switcher..... 4
CMX-07	Digital Video Mixer Processor..... 4
CMX-12	HD/SD Digital AV Processor for HDMI Digital Video..... 4
STUDIO - Matrix Switcher	
SB-4140/SB-8180	VGA Matrix Switcher..... 5
SB-5544/SB-5548	AV Matrix Switcher..... 5
CMLUX-44S	4x4 HDMI Matrix Switcher..... 5
CMLUX-88S	8x8 HDMI Matrix Switcher..... 5
Wireless Series	
TG-10T/R	Wireless Tour Guide System..... 6
TG-10STX/ TG-10SRX	UHF PLL Stationary Transmitter & Receiver..... 6
Wireless LAN PCtoTV	Wireless LAN PCtoTV network adaptor..... 6
CWHDI-TX2/RX2	Wireless Multi-Format input Transmitter to HDMI Receiver Box..... 6

COMPANY

Meicheng Audio Video is a dynamic solutions based manufacturer poised on the bleeding edge of HD (High Definition) Audio Video technology. Our product line has grown to cover almost every conceivable solution in the Audio Video industry with new innovative products in development continuously. Meicheng has been consistently first to market without sacrificing quality or using the field to test new products.

Commercially, Meicheng target market is so expansive that it is difficult to find a segment they do not target. Meicheng Audio Video is focused on connectivity through a variety of signal formats and types. While Meicheng Audio Video mainly focuses on FCC audio video system integrators, a substantial number of their business to business relationships come from other industries such as government and education institute, interior design, broadcast, entertainment, and medical digital imaging. As the Audio Video market expands further into the HD realm, consumer demand for products which allow users to implement newer technologies with existing home theater and computer systems will also increase, spurring a large presence in Retail and consumer markets as well. Meicheng diverse client base is perhaps one of its greatest assets, allowing them the unique ability to merge innovations from a variety of industries. Make Meicheng products work for you by using one brand for your AV solutions!!

Meicheng



DSS-R-CL1100 VGA Multimedia Recorder



- ▶ Stand-alone recorder for capturing multi-contents, presenter's image and voice from presentation, meeting, lecture, conference, classroom, distance education, enterprise training, monitoring, surveillance, central control room for High Speed Railway....
- ▶ All-in-one service, no software, no editing, user friendly.
- ▶ PIP and POP multi display function; support the D1 / CIF / QCIF standard.
- ▶ Support 30 frames encoding of max. 1400x1050 VGA and 1080i video signals.
- ▶ Control via web interface, Panel display, RS -232 (pan / zoom in / zoom out).
- ▶ Record VGA, DVI or HDMI, video and audio signals into a single ASF.

PDR-1 Portable Digital Audio Recorder



- ▶ Professional hand-in high quality recorders, saved as WAV or MP3 format for Language learning, interview, conference, speech, negotiation, meeting, concert.
- ▶ Support high quality 96 KHz WAV and 48 KHz MP3 recording formats.
- ▶ Stereo built-in condenser microphones; equipped with a monitor speaker.
- ▶ Stereo audio for guitar, piano, other instruments and line-in recording sources.
- ▶ Volume control for input and output level adjustment.
- ▶ Built-in flash memory; equipped with an expanded memory socket of SD card.
- ▶ Work at two AA batteries, or USB DC 5V adaptor.

MT-1 Digital Music Tutor



- ▶ Built-in 128MB flash memory to record about 120 minutes, max. 99 Phases of music or vocal and save as MP3 format for music class, language conversation learning class, any type of conferences, meetings...support extended memory card (SD card).
- ▶ 3" speaker, 5 Watt amplifier output level (RMS).
- ▶ Built-in Omni-direction condenser microphone; built-in speaker.
- ▶ 2 extendable microphones (L, R), 6.3 mono jacks.
- ▶ Audio line-in x 2 (RCA L&R), and line-in volume control.
- ▶ Sample Ratio: 128Kpps; Balance: -64dB +/- 3dB.

PA-100 DigiRec Microphone



- ▶ An audio system, is a good partner for storage the daily broadcasting material as oral speech, CD music individually; allows you intermitting the oral speech during the broadcasting to handle the live situation such as person searching, vehicle number notice in bus station, railway station, subway station, airport, music hall, or other public places (with an interpose function during your address).
- ▶ 64MB NAND Flash memory built in, 60 min. recording time available.
- ▶ 4-tone chime sounds for start or finish your address.
- ▶ Record max. 88 sections of human voice and music from AUX-IN jack.
- ▶ Communicate to PC via USB port.

MX-1003 Dual-View Video Processor



- ▶ The screen is split into 2 fields, each displaying the entire contents of 2 video sources: for presentation, conference, exhibition, educational institute, creating training content, central control room, E-Learning Content.
- ▶ Dual outputs (DVI / VGA), up to 1920x1200.
- ▶ PIP, PAP, Full screen modes and adjustable size & position through software.
- ▶ Titles, borders and colored backgrounds; with RS-232 control.
- ▶ Resize, position, flip, zoom & pan and blend output video.
- ▶ Can be cascaded to obtain more images.

MX-1004 Quasi Quad-View Video Processor



- ▶ The screen is split into 4 fields, each displaying the entire contents of 4 video sources: for presentation, conference, exhibition, educational institute, creating training content, central control room, E-Learning Content.
- ▶ Dual outputs (DVI / VGA), up to 1920x1200.
- ▶ Can be cascaded to obtain more images.
- ▶ Perfectly as a video screen splitter, a video converter and a video switcher.
- ▶ Software control through: RS-232, RS-485 over Cat-5.

VW-1104 4 Display Dual-View Videowall Processor



- ▶ 2 different video sources can be enlarged across 4 displays, is a powerful and fully real time data/video processor for control room, exhibition, runway fashion show, large presentation, digital signage, broadcasting, education, surveillance systems.
- ▶ Input: HDMI, DVI, VGA, CVBS, Component, and S-Video.
- ▶ Output: 4 DVI: up to 1920x1200 with a local loop out for monitoring.
- ▶ PIP, PAP, Full screen modes; with RS-232 control.
- ▶ Resize, position, flip, zoom & pan and blend output video through software.

VW-1109 9 Display Dual-View Videowall Processor



- ▶ 2 different video sources can be enlarged across 9 displays, is a powerful and fully real time data/video processor for control room, exhibition, runway fashion show, large presentation, digital signage, broadcasting, education, surveillance systems.
- ▶ Input: HDMI, DVI, VGA, CVBS, Component, and S-Video.
- ▶ Output: 9 DVI: up to 1920x1200 with a local loop out for monitoring.
- ▶ PIP, PAP, Full screen modes; with RS-232 control.
- ▶ Resize, position, flip, zoom & pan and blend output video through software.

SP-5018M 2x8 HDMI CAT5 Matrix Switcher



- ▶ The 2 input HDMI source (only 1 input can be used at a time) can be duplicated and distributed to up to 8 HDMI enable displays through cost effective Cat-5/5e cables and RJ-45 to HDMI mini-extendors; the high definition HDMI (video/audio) can be transmitted to different locations over a long distance.
- ▶ HDMI 1.3 / HDCP compliant.
- ▶ 2x1 HDMI Switch; allows cascading; provides default EDID.
- ▶ Extends up to 60m / 200ft via CAT-5e cable at 1080i.
- ▶ Extends up to 40m / 130ft via CAT-5e cable at 1080p.
- ▶ Extends up to 20m (66ft) of input HDMI cable.

SP-5028 2x8 HDMI CAT5 Cascading Matrix Switcher



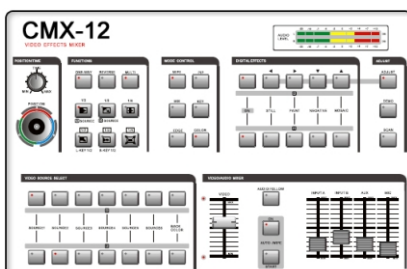
- ▶ The 2 input HDMI source (only 1 input can be used at a time) can be duplicated and distributed to up to 8 HDMI displays; the high definition HDMI (video/audio) can be transmitted to different locations over a long distance.
- ▶ HDMI 1.3a / HDCP compliant ; allows cascading.
- ▶ HDMI video distribution to up to 7 displays and one CAT5(e) Receiver.
- ▶ Supports default HDMI EDID and record the EDID of displays.
- ▶ Up to 60m (200ft) at 1080i and 40m (130ft) at 1080p through Cat-5 cables.
- ▶ I/O up to 15m (50ft) using HDMI cables.

CMX-07 Digital Video Mixer Processor



- ▶ Enable forecaster stands before the blue screen in the studio and by using CMX-07 to de-blue background and add the weather pictures or video, it helps you to do different kinds of video effects for creating/recording different kinds of contents/materials.
- ▶ 4 video inputs: 2 composites and 2 S-Video.
- ▶ 2 Audio/Video and S-Video recording outputs.
- ▶ Special effects for each 2 inputs: Still, Strobe, Mosaic, Paint and Negative.
- ▶ Chroma key and Luminance key with 96 wipe patterns.
- ▶ PIP (3 window sizes), joystick control for altering the position of digital effect.
- ▶ 8 back colors: White, Yellow, Cyan, Green, Magenta, Red, Blue and Black.

CMX-12 HD/SD Digital AV Processor for HDMI Digital Video



- ▶ Input: 2 HDMI; 2 Component; 2 Composite; 2 S-video; 4 audio.
- ▶ External sound input: 1 MIC; 1 AUX .
- ▶ Output: 1 HDMI; 1 Composite; 1 S-video; 2 Component; 2 audio, for creating different kinds of contents/materials.
- ▶ Selective size and position for digital effects area and PIP windows (3 window sizes).
- ▶ Chroma key & Luminance key with digitals - Still, Mosaic, Paint and Negative.
- ▶ Video and Audio Mixing with 96 wipe patterns.
- ▶ PIP (3 window sizes), joystick control for digital effect position.

SB-5544 / SB-5548 AV Matrix Switcher



- ▶ Switch video signals to multiple displays for trade show, conference room, control room, DVD, VCR, VCD, satellite receiver, security CCD, handy CAM, and video Games, central control room, different kinds of training course.
- ▶ Supports Input/Output (4x4 ; 8x8) Composite Video + Audio (AR/AL).
- ▶ Higher video bandwidth (SB5544: 250MB / SB-5548: 325MB) each path signals.
- ▶ Support NTSC / PAL TV system and compatible with plasma TV, HDTV display.
- ▶ Controls : RS-232 port (for win-95/ 98/ 2000/ XP/ Win7) ; front panel; IR remote control.

SB-4140/SB-8180/SB-4144/SB-8188 VGA Matrix Switcher



- ▶ 4or8 channels computer signal input, and 4or8 channels computer matrix output; high resolution computer applications for trade show, conference room, control room, Games, central control room, different kinds of training course...
- ▶ Higher video bandwidth 325MB each path R, G, B signals.
- ▶ Supported HD resolutions XGA ~ WUXGA.
- ▶ Compatible with all VGA video monitor devices.
- ▶ Controls : RS-232 port (for win-95/ 98/ 2000/ XP/ Win7) ; front panel; IR remote control.

CMLUX-44S HDMI 1.3 4x4 Matrix Switcher



- ▶ Remote control by linking HDMI devices to enjoying movies, music or games at once, an ideal solution for trade show, conference room, control room, central control room, different kinds of training course.
- ▶ 4 HDMI inputs; 4 HDMI outputs.
- ▶ HDMI 1.3; HDCP 1.1; DVI 1.0 compliant.
- ▶ Compatible with all HDMI sources and displays.
- ▶ Wide range of PC and HDTV resolutions: up to 1080p.
- ▶ Control: RS-232, IR remote control and IR extender.
- ▶ HDMI with 1080p / 8bits resolution, the input/output source can run up to 20/15 meters.

CMLUX-88S HDMI V1.3 Matrix Switcher



- ▶ The high definition HDMI (video/audio) can be transmitted to different locations over a long distance, allows any of the 8 sources (Blue-Ray player, HD DVD player, satellite receiver, game system, etc.) to be routed to any of the 8 displays simultaneously.
- ▶ 8 HDMI inputs; 8 HDMI outputs (HDMI 1.3, HDCP 1.1, and DVI 1.0 compliant).
- ▶ Wide range of PC and HDTV resolutions: up to 1080p.
- ▶ Control: RS-232, IR remote control and IR extender.
- ▶ HDMI with 1080p / 8bits resolution, the input/output source can run up to 10/15 meters.

TG-10T/R Wireless Tour Guide System



- ▶ Tour guides wear the body-pack transmitter and collar-clamps microphone; listeners use portable receivers and ear-hook earphone to hear every word clearly and easily, even in the back of the group, especially suitable for high noise environments including machinery noise in workshops, traffic noise around famous sites, echoes and strong outdoor winds.
- ▶ Carrier Frequency Range: 502MHz~960MHz.
- ▶ Frequency Preparation: PLL Synthesized Control.
- ▶ Preset 16 selectable UHF channels with LCD display.
- ▶ Battery: Lithium cell (3.7V, 1300mAh).
- ▶ Dimension(mm): 54(W) x 17(D) x 99(H).

TG-10STX UHF PLL Stationary Transmitter TG-10SRX UHF PLL True Diversity Receiver



- ▶ Indoor stationary transmitter and receiver for wireless interpretation, lecture, multi-language conference with large coverage, allowing participants of any nationality to freely follow the speech.
- ▶ The presenter could freely move to demonstrate his idea without losing quality. communication with audience. Advanced with TG-10SRX, it could also be installed for sound reinforcement, recording or other processes.
- ▶ Frequency Preparation: PLL Synthesized Control.
- ▶ Carrier Frequency Range: 502~960MHz.
- ▶ LCD Display Contents: AF Level, Channel.
- ▶ Operation Voltage: DC 12~18V, 600 mA.

Wireless LAN PCtoTV



- ▶ PC-to-TV network adaptor transmits contents from PC-to-TV via network connection.
- ▶ Establish network connection between PC-to-TV and your PC (use a wired connection wherever possible is suggested) via its built-in wireless access point.
- ▶ Simply turn on the PC wireless network and launch the PC-to-TV utility as explained in the Quick Start section.
- ▶ Ethernet cable from your home router to the RJ-45 LAN port on PC-to-TV to add it to your home network. All PCs on the home network will see this PC-to-TV device when you launch the utility.

CWHDI-TX2/RX2 Wireless Multi-Format input Transmitter to HDMI Receiver Box



- ▶ Multi format input to wireless HDMI output, deliver HD audio/video, analog/digital signals (HDCP Compliant) with built in antennas for home entertainment system, office, showroom display...contents creating/recording.
- ▶ Input: 2 HDMI; 2 component (R/L); 2 composite; 2 S-Video; 1 PC(R/L); 1 IR Blaster.
- ▶ Output: 1 HDMI (for creating different contents).
- ▶ 20 meters transmission distance, up to 1080p video resolution.
- ▶ Audio support PCM (2CH), DTS (5.1CH) & AC3 (5.1CH).

INFORMATION CENTRES



Dual-display on larger screen for control room, exhibition, runway fashion show, large presentation, digital signage, broadcasting, education, surveillance systems



Dual-View Videowall Processor

2 different video sources can be enlarged across 4 or 9 displays for PIP / PAP, resize / reposition

Meicheng® MEI CHENG AUDIO VIDEO CO., LTD

Address: 13F, No. 2, Jian 8th Rd., Jhonghe City, Taipei County 23511, TAIWAN

Tel : +886 (2) 8228 0311,

Fax : + 886(2) 8228 0319

Website : www.meicheng.com.tw

Email : mei.cheng@msa.hinet.net