D-max

DMX-25632

Video Matrix Switching System

■ FEATURES

256 inputs & 32 outputs

• **Control 64 cameras (Up to 255 cameras)/32 monitors**

• **16 Korean / 32 English Characters support**

• **Can be inserted Video Card (DVC-6432) – Up to 16 cards (1 card of DVC-6432: 64-Input, 2-Output).**

• **Can be connected 3 of Video Input extension bay units (Processing of 64 Camera Inputs), control up to 256 Cameras.**

• **Each Video Card (DVC-6432), built-in I/D, TIME Generator**

• **When monitor switching in automatics to manuals, it is a built-in function of anti-noise of synchronizing signal on monitor then happen to smooth switching screen**

• **With DCK-255 (matrix Controller Keyboard), it can be controlled, up to 8-Sub Keyboard.**

• **Built-in function relayed Alarm system (DAR-080, DAR-241), it can be input up to 512 Sensors.**

• **Can be connected P/C directly due to built-in RS-232 Port.**

Principle of operation

DMX-25632 can switch any video inputs to any of the video outputs (monitors, picture storage units, video printers etc.).

DMX-25632 connects the associated camera to the alarm monitor in the event of an alarm. The predefined video recorder or picture storage unit is activated. A predefined position can be automatically selected in the case of PTZ cameras.
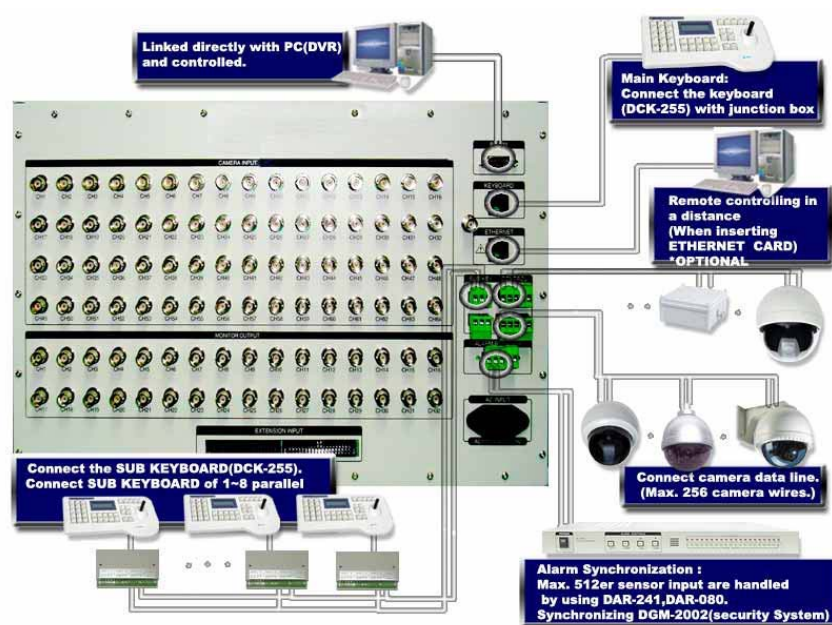
The following features can be setup by the user:

- Assignment of alarm lines to cameras
- Assignment of the alarm picture selection to alarm monitors
- Definition of group and individual switching

The alarms can be applied to the DMX-25632 as a contact or a message via the system keyboard.
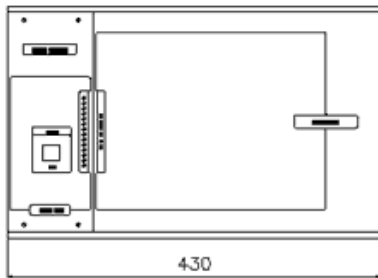
In addition to the switching of pictures, it is also possible to remotely-control PTZ cameras including preset positions.

On-screen displays are possible for the time and date as well as text inserts for identifying cameras/alarms and definition of camera sequences.
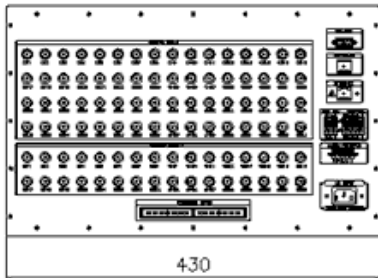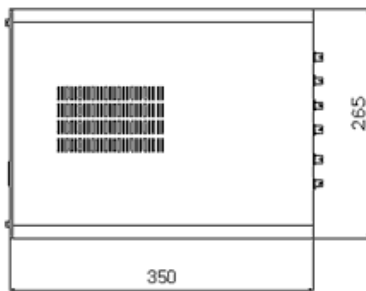
System Overview

■ DIMENSIONS

FRONT

430

BACK

430

SIDE

265

350

(Unit:mm)

• **System**	-I/O Card Slot 16EA. -Network Card Slot 1EA. -Keyboard Interface -RS-232 Interface -CCTV Receiver Control Interface -Network Interface -Alarm Interface -Crosstalk attenuation: 5 MHz $\geq$ 56 dB; 10MHz $\geq$ 52 dB -Differential giant 1% $\geq$ -Differential phase 1,5% $\geq$ -Frequency response flatness 1 dB do 10 MHz ; 3 dB do 20 MHz -Matrix point switching time - 80 ms (typical), 200 ms (max) -Interfaces for: V.24; 1200 – 19.200 bit/s;
• **Function**	-256By 32 Video Matrix Control -Video Input Bay Unit Connection (Max 3Set) -256EA CCTV Receiver Control -8EA Sub Keyboard Control Port -Protecting from noise, -Matrix& Camera Controlling by Network System (in the future)
• **System**	-16 Korean Characters, 32 Characters included English, Numeric, Symbols Display -Data/Time Display -Alarm, Status Display
• **Camera Input**	-64 EA (BNC connector)
• **Monitor Output**	-32 EA (BNC connector)
• **Data Backup**	-Data/Time Display
• **Communication**	-CCTV Receiver-9600, N, 8, 1 -Sub Keyboard-9600, N, 8, 1 -RS-232C-9600, N, 8, 1 -ARU-1200, E, 8, 1
• **Operating Ambient**	0°C ~ +40°C
• **Weight**	About 15kg
• **Dimension**	430(W) x 265(H) x 350(D)mm

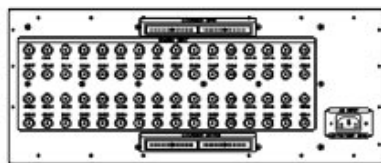(

(FULL SET)

D-max

DME-6432

■ FEATURES

• When used Video Matrix DMX-25632, it is equipment for over 64 cameras using and if it is added
  to one of this equipment, it can be connected up to 64 camera inputs.

• If it is added up to 3 equipments, the camera inputs are 256 and outputs are 32 monitors.

• With the exclusive process chip for Video Signal, it will display the best quality of images.

• To connect with main equipment (DMX-25632) use the exclusive cables to connect and disconnect.

• In adding, User can modify DIP SW for each extension unit of address by oneself.

• If the address is set up No. 1, the camera input number will be set No. 65 ~ No. 128 / If the
  address is set up No. 2, the camera input number will be set No. 129 ~ No. 192 / If the address is
  set up No. 3, the camera input number will be set No. 193 ~ No. 256

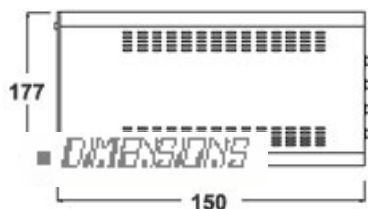• The Processing function of Color / B/W Image

• NTSC/ PAL System

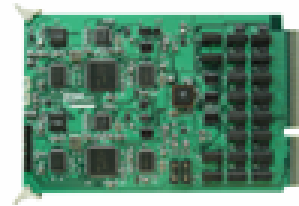| • System	-64Camera Input (NTSC/PAL)
	-Extension Output 32Channel.
	-Rs-232 TTL Interface
	-Alarm Interface.
	-Network Interface
• Function	-64 Camera Input Control
	-Anti-trembling function in converting of screen.
	-Camera Control function with networking (in the future)
• Camera Input	-64 EA (BNC connector)
• Extension In/Output	-40 Pin Connector 2EA
• Communication	-Camera Contorl-38400, N, 8, 1 (TTL Level)
• Power Consumption	-Power Supply 190v~240v 50/60Hz, 350W, Max 50W
• Operating Ambient	0°C ~ +40°C
• Weight	About 10kg
• Dimensions	483(W) x 178(H) x 350(D)mm

FRONT

BACK

DIMENSIONS

177

150

SIDE

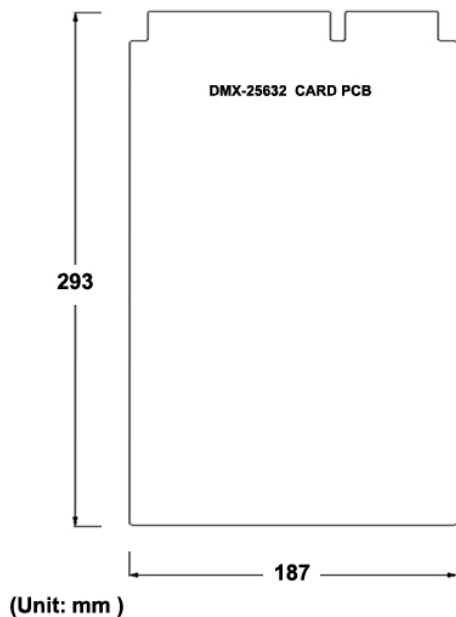(Unit:mm)

(FULL SET)

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Matrix Video Card

DVC-6432

■ FEATURES

• **Card to be put into Video Matrix CPU. (1 card operates 64 cameras & 2 monitors)**

•**To built-in I/D, TIME GENERATOR, display Date, Time on each monitor and it can be set up Korean Character, English Character, numeric number and symbol by user..**

• **When converting auto to manual, it is built-in function of anti-noise of synchronizing signal on monitor then happen to smooth converting screen**

DMX-25632 CARD PCB

293

187

(Unit: mm)

• Function
-Time Generator
-I/D Generator.
-Video In/Out Selector.
-Video Sync compensating.
• Id Display
-English 32 Characters or Korean 16 Characters   (It can be combined)
-Freeze On / Off
• Time Display
-Year, Month, Day, Hour, Minute, Second
• Camera Input / Output
-64 Camera Input, 2 Monitor Output
• Power Consumption
-9 Watts Max
• Operating Condition
-0°C ~ +40°C
• Weight
-About 0.3Kg