

Video Matrix System



FEATURES

- External Alarm Device Available
- Direct Connection with System Controller, DVR, VDA, etc.
- Easy Extension using RJ-45 Cable
- RS-485/422 PTZ Connection
- Equal Video Strength for All Outputs
- BOD[Brown-out Detector]
- WDT[Watchdog Timer Reset Function]
- Color and B&W Compatible
- NTSC or PAL Selectable
- 19" Rack Size
- Power Supply Unit is included(DC12V/3A)

COMMON SPECIFICATIONS

VIDEO	
Input	Composite Video 1.0Vp-p
Output	Composite Video 1.0Vp-p
Impedance	75ohm, Input and Output
Bandwidth	40 MHz
S/N Ratio	-60dB RMS typical
Crosstalk	-80dB typical
Gain(Into a 75ohm load)	2
Differential Gain	0.5% typical
Differential Phase	0.5 degree typical
CONNECTION	
Video	BNC Connector
ELECTRICAL	
Input Power	DC12V, 3A
MECHANICAL	
Material	Steel

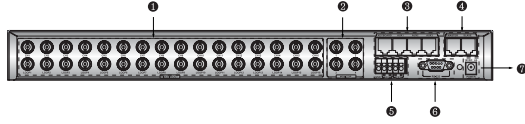
MODEL CLASSIFICATION

Model	GMAX-7160	GMAX-7320
Video Input	16 Ch	32 Ch
Video Loop Out	16 Ch	32 Ch
Monitor Out	4	8
Alarm Input	16	32
Weight	2,200g	3,600g
Dimension [mm]	430(W) x 181.2(D) x 44.5(H) 1.75"(1U) of 19" Rack Size	430(W) x 181.2(D) x 89(H) 3.5"(2U) of 19" Rack Size



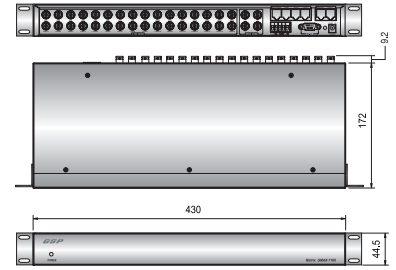
GMAX-7160

NAME OF PARTS



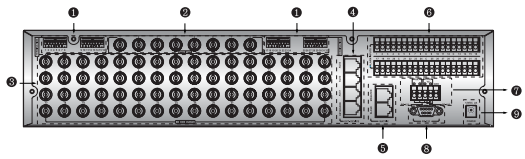
- ① CH : Connect Video IN cable
LOOP : Connect Video Loop OUT cable
- ② Monitor : Output for monitor
- ③ Keyboard : Controller Input (Power supplied)
AUX, DVR, ALARM : Controller/DVR/Alarm device
- ④ MASTER, SLAVE : MATRIX Extension port
- ⑤ TRX+/- : RS-485 IN/OUT port, RS-422 IN port
TX+/- : RS-422 OUTPUT port
- ⑥ RS-232 port
- ⑦ 12VDC 3A Power

DIMENSION (unit:mm)



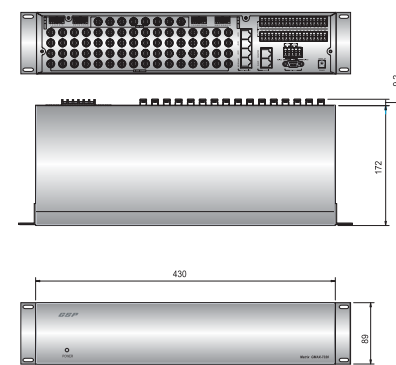
GMAX-7320

NAME OF PARTS



- ① Video Termination Switch
- ② Output for monitor
- ③ CH : Connect Video IN cable
LOOP : Connect Video Loop OUT cable
- ④ KEYBOARD : Controller Input (Power supplied)
AUX, DVR, ALARM : Controller/DVR/Alarm device
- ⑤ MASTER, SLAVE : MATRIX Extension port
- ⑥ Alarm Input terminal
- ⑦ TRX+/- : RS-485 IN/OUT port, RS-422 IN port
TX+/- : RS-422 OUTPUT port
- ⑧ RS-232 port
- ⑨ 12VDC 3A Power

DIMENSION (unit:mm)



SYSTEM CONFIGURATION

