# MMPU-300C

# Multi Processing Unit

## ■ Description

○ This Extended Multi Processing Unit enables to control major devices for CCTV system.

## ■ Features

○ It helps to maintain & manage major devices of CCTV system and its peripheral devices such as Video Matrix Switcher, Receiver, Key-Board, and Sensor etc.

○ It has built-in control port to control various object in briefing room, administration room such as IR, RS-232/422, In/out contact.

○ Basic Shelf consists of 11 slots. It allows extension card slots for necessary application.

## ■ Panel Drawing



## ■ Specifications

○ Main Shelf [ MMPU-301MAIN ]
- Main Shelf   (1) Board Rear Insert Type
              (2) Number of Card : 11EA Card
              (3) Case
- Enclosure Type : Aluminum
- Type : 19" Rack Type
- Dimensions : 483(W) * 133.5(H) * 300(D) mm

## ■ Specifications

1) Power Supply
- Supply power to each card which is inserted into MPU (301MAIN).
- Input power : AC 85V ~ 246V free volt
- Output power : DC +12V, DC -12V

2) CPU Card
- CPU card takes data from MPU-301Main and processes to manage MPU-300C comprehensively.
- CPU : 80C52
- Memory : 32K
- Serial port : RS-232/422  2 Port (Main and SUB)
- 2Port의 Serial Port (integrated control by computer and key pad, enable to be linked with additional devices)
- MPU-301Main Front Led Display

### ○ Come Card [ MMPU-302COM ]
- Interface device between main unit and external communication devices which takes data from.
- CPU card and transmits to the specific port
- Serial port : RS 232C 3 port (RS-422: need to be adjusted) D-SUB connector with 3 each card is available at rear panel (extension slot available)
- CPU : 80C52
- Memory : 32K
- additional card available for extension

### ○ Input Card [ MMPU-303IN ]
- Transmission card which takes specific data of contact, sensor, power and sends to CPU card.
- number of contact point : 16 Port
- additional card available for extension
- CPU : 89C52

### ○ Output Card [ MMPU-304OUT ]
- Transmission card which takes data from CPU and sends to specific external devices via contact point.
- number of contact point : 9Port
- additional card available for extension
- output power : DC 24V 1A이하

### ○ IR Card [ MMPU-305IR ]
- control card for devices which are operated by remote controller such as VTR, DECK, DVD.
- IR Port : 4 Port (IR and Serial Control)
- additional card available for extension
- CPU : 80C52

### ○ Volume Card [ MMPU-306VR ]
- Volume control card adjusts the level of volume for remote controlled devices by connecting amplifier.
- Controls the level of volume via touch screen (operating software) or key pad by taking data from main control CPU
- number of volume control port : 3port (M : 1ch, ST : 2ch)
- additional card available for extension of control channel
- CPU : 89C52

| | | |
|---|---|---|
| **Asia** | +65 81335582 | Fax. +65 67828910 |
| **China** | +86 021 54249750 | Fax. +86 021 54240199 |
| **Singapore** | +65 81335582 | Fax. +65 67828910 |
| **Korea** | +82 2 2026 1200 | Fax. +82 2 2026 1217 |

# MMPU-300C

# Multi Processing Unit

**Equipment Overview & Function**     Max Digital Tech Co., Ltd     http://www.maxdigital.co.kr

## ■ Specifications

○ LAN Card [ MMPU-307LAN ]

- LAN card enables to manage MPU-300C generally. It receives card data and processes.
- CPU: 89C52
- Memory : 32K
- Serial Port : RS-232 (or RS-422 Setting) 2 Port
- 2 Port의 Serial Port (1Port 232 / 1Port)
- Protocol : TCP/UDP/IP/ICMP/ARP/TELNET/DHCP
- LAN : 10Base-T Ethernet

○ W/L Card [ MMPU-307WLAN ]

- W/l LAN card enables to manage MPU-300C generally. It receives card data and processes.
- CPU : 89C52
- Memory : 32K
- Serial Port : RS-232 (or RS-422 Setting) 1Port
- IEEE802.11b wireless LAN support
- Protocol : TCP/UDP/IP/ICMP/ARP/TELNET/DHCP
- Lan : 10 Base-T Ethernet