GONSIN®

Central Control System

Cloud Central Control System

◆ Central Control System Server
GX-CLOUD710S

GX-CLOUD710S central control server is based on cloud network communication technique, supporting cloud automatic system diagnosis, cloud backup and restore capability, remote control, remote commissioning during installation and remote appointment and remote debugging after installation. It applies multi-functional interface design, all serial ports and IO ports can be customized, which meet the demand of various engineering applications; Open and modular user programming interface allows user to control various devices and complicated programmatic interfaces with highly flexible programming language; the system can be expanded by wireless or wired method, a single system expansion is up to 65,535bus devices.
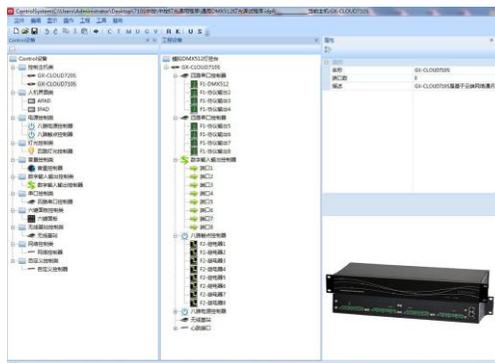

◆ Product Features

- ♦ Based on cloud technique design, it supports cloud automatic system diagnosis, cloud backup and restore capability, ensures stable operation to avoid unexpected data loss
- ♦ Supporting remote control, remote commissioning, remote appointment and remote debugging
- ♦ Time-line multi-thread event editing function
- ♦ Supporting voice control and voice feedback function
- ♦ Automatic clock synchronization, precisely execute the customized time appointment function with accuracy to year/month/day/hour/minute/second
- ♦ Utilizing multi-functional interface design, all serial ports and IO ports can be customized. One cloud server can meet the demand of various engineering applications with reuse ports.
- ♦ The system can be expanded by wireless or wired method, a single system bus devices expansion is up to 65,535.
- ♦ System supports self-backup function and dual-machine backup for a server.
- ♦ Open and modular user programming interface allows users to control various devices with highly flexible and user-friendly programming language;
- ♦ Support iPhone®, iPad®, Android and Windows platform control
- ♦ Allow user to extend the capacity by adding external extension terminal.
- ♦ Configure 4-core CPU, 1G memory, 8G Flash memory
- ♦ Up to 1.4GHz multi-thread multi-core processor
- ♦ Four communication method: CAN, RF, Ethernet, WIFI
- ♦ Supporting 2 ways CAN bus signal management with 125Kbpsbaud rate, single bus server can manage up to 110 terminals.
- ♦ Supporting 8 ways user-defined protocol serial ports with 3.8mmPHOENIX. RS232, RS485, DMX512 protocols are configurable, the first channel and the fifth channel support 24V power output.
- ♦ 4 ways contactors, each channel support 30V/1A DC125V/0.5A AC load
- ♦ Supporting 8ways user-defined IO input, output and IR output, supporting full-range infrared modulation signal transmission
- ♦ Interfaces come with over voltage and over currency protection with 20KV anti-static ability.

♦ Internal power voltage 24V, power consumption <5W

♦ Support TCP / UDP network control protocol

♦ Support single system, multi-system local or remote cluster management, realize interconnection and mutual control between systems, and support hierarchical rights management

♦ Support for saving and querying of operation records

♦ Support monitor the real-time running status of controlled equipment, and support fault feedback

◆ Technical Parameters

Memory	SDRAM: 1G ; FLASH:8GB
Main frequency	4-core CPU, 1.4GHz main frequency, 32-bit embedded processor
Communications	CAN Ethernet WIFI TCP/IP
Digital I/O ports	Support 8 ways I/O
IR ports	Support 8 ways IR
RS-232 ports	Support 8 ways RS-232
RS-485ports	Support 8 ways RS-485
DMX512ports	Support 8 ways DMX512
Relay	Support 4 ways contact port
CAN bus signal management	2 ways of CAN bus signal management with power
Power	Internal power voltage 24V, power consumption <5W
Dimensions (L×W×H)	483×145×44mm
Weight	2.5Kg

◆ Central Programming Software

♦ Open and modular user programming interface allows users to control various devices with highly flexible and user-friendly programming language;

♦ The software support C language programming and Chinese programming that imitates human mind

♦ Object oriented programming interface, includes all devices involved in the project, Chinese/English interface is optional.

♦ Powerful software comes with user-defined functions, macroinstruction application, macro application packaging, precise time line;

♦ According to user's demand, the system control function and touch screen's operation interface can be customized, supporting two-touch and three-touch multiple sub-page programming interface with animation effect and other functions.

♦ Self-defined time appointment function via touch control panel;

♦ Supporting multiple programs switching

GONSIN®

10 inch Wall Mounted Programmable Touch Panel

GX-TP10S

10 inch Wall Mounted Programmable Touch Panel GX-TP10S,based on Android 5.1.1deep customization and optimization, can run smoothly in the control interface software and other commonly used software.

◆ Product Features

♦ 10.1-inch 16:9 full-view IPS screen, multi-point capacitive touch screen, 1280X800 resolution.

♦ 2G running memory, 4-core 1.8GHz processor, 8GB EMMC storage

♦ Self-customized system based on Android, build-in control software of central control system

♦ Multiple project files can be stored in the touch screen at the same time, and can be loaded in user interface according to different needs.

♦ Open user secondary programming module, independently configure custom buttons in user interface

♦ Timing reservation function can be set in user interface. The time of touch screen and server can be automatically calibrated.

♦ Support Picture-in-Picture for One-Way Multichannel Network Video

♦ Support custom voice control and voice feedback functions

♦ With the full bidirectional communication technology, all device operation actions can be fed back to the touch screen interface, and support multi-screen linkage.

◆ Technical Parameters

CPU	ARM Mali-T764 OpenGLES1.1/2.0/3.0 OPEN VG1.1, OPENCL, Directx11
Memory	2GB RAM, 16GB ROM
Display	10.1" IPS Full Color Display, Resolution 1280X800, Brightness: 300 cd/m2
Touch Panel	capacitive, 5-point touch screen
Internet	1 way 10/100Mbps adaptive network port1 way 802.11b/g/n wireless network card
USB	4 way HOST,1 way DEVICE
TF card	Support
Bluetooth	1 way Bluetooth 4.0
Power interface	DC5.5*2.1mm
Power supply	DC12V/2A
Working current	Typical value 600mA (12V)
Working temperature	-10°C~70°C
Working humidity	5~95RH%
Overall Dimensions(L×W×H)	256×170×50mm
Hole Dimensions(L×W×H)	220×147×41mm

◆ Touch Control Wall Panel GX-PANEL40D

◆ Product Features

♦ Work with a central control system and visual media interactive system
♦ Support multiple pages display, control common functions for a central control system and visual media interactive system
♦ Wall-mount 86 bottom box
♦ 4 inches 65K LCD display with Chinese and English interface, easy to understand
♦ Capacitive touch control, smooth operation
♦ Communication interfaces: RS485, WIFI communication is optional;

◆ Technical Parameters

Screen size	4"
Resolution	480*480
Color	65K, 16-digit RGB
Screen type	TFT LCD
Brightness	250cd/
Backlight	LED
Backlight life(average)	>20,000 hours
Contrast	800:1
Visual angle	80/80/80/80
Installation type	Standard 86 bottom box
Communication interface	Rs485
Touch control	capacitive touch control
Touch control time	unlimited
Power consumption	Sleep mode 0.4W the darkest without speakers 1.5W the brightest with speakers 2.4W
Voltage	9-36V
Working temperature	0～40
Storage temperature	−20 +70
Product size（W×D×H）	90.7×90.7×27.9mm
Net Weight	90g

Power Manager GX-P708S

It is applied to control the lights power and other devices' power in various conference venues, supporting power input and output by strong current or weak current. With rack-mount design, it can be installed in 19 inches standard cabinet.
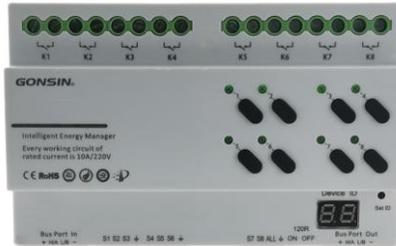
Product Features

♦ Cooperate with the central control system

♦ 19 inches standard cabinet installation, make device management more convenient

♦ The panel comes with built-in signal feedback system to show the working status of the device directly.

♦ The deice comes with two switch controls via software or panel control , allow user to turn off manually without connection with the controller;

♦ Each single-way relay comes with a pair of normally open and normally closes contacts

♦ More than 8-way large current relay with normally open and normally closes contacts

♦ Support CAN bus communication mode, RS-232 can be customized

♦ Settable Network ID

♦ Two control methods: bus and manual

Technical Parameters

Single way power	≤2200W
Three sets of LED power per channel	≤360W
4-10 sets of LED power per channel	≤60W
More than 10 sets of LED power per channel	≤18W
Total power	≤16000W
Communication Methods	CAN bus communication
Control Methods	Bus/Manual
Power Supply	24V DC bus power
Relay channel number	8 channels
Contact Structure	A pair of normally open, normally closed contacts
Installation	Rack-mounted
Dimensions（L×W×H）	485×280×44mm
Weight	3.4Kg

● Power Management Module (DIN Rail)
GX-P708S1/ GX-P708S2/ GX-P708S3/ GX-P708S4

It is applied to the control of switch variables such as power supply and ambient lighting in various occasions. It allows input and output of strong and weak currents. It has a rail design and can be installed in a standard distribution box. RS485 or CAN communication mode can be selected, and multiple groups of state storage and restoration functions are available at the same time. It is suitable for equipment power supply system under central control management to realize flexible management of power control.

● Product Features

♦ Use with central control system
♦ Support CAN bus control mode (GX-P708S1/GX-P708S3)
♦ Support RS485 bus control mode (GX-P708S2/ GX-P708S4)
♦ Support local key control, IO communication control
♦ The panel comes with a signal feedback information system, which can intuitively indicate the working status of the equipment
♦ 8 channels of independent power control output, single channel maximum current 10A
♦ Support 8 independent current detection (GX-P708S3/ GX-P708S4)
♦ Built-in anti-surge relay, single channel transient peak power up to 26400W

● Technical Parameters

Control methods	GX-P708S1/GX-P708S3: Button/IO control, CAN (baud rate 125kbps) GX-P708S2/GX-P708S4: Button/IO control, RS485 (baud rate 9600bps)
Device ID	Manual adjustment
Single way maximum power	10A/220VAC
Maximum anti-surge current	120A/20ms (single channel transient peak power 26400W)
Power supply	Bus DC12V ~ 24V
Power consumption	About 4.8w (fully open), 0.3w (fully closed)
Installation	Distribution box rail installation, 8p
Dimensions (L×W×H)	145×90×63 mm

LED Dimming Processor Module(DIN Rail)
GX-D704S1/GX-D704S2

LED dimming control used in various occasions, supporting 0-10V control dimming, with rail design, and can be installed in standard distribution box. RS485 or can communication mode can be selected, and multiple groups of state saving and recovery functions are available. It is suitable for LED dimming under central control management and other application scenarios supporting 0-10V control to realize various intelligent controls.

Product Features

♦ Use with central control system
♦ Use with the lights whose control mode is 0-10V
♦ Miniaturized design, standard distribution box rail installation
♦ Support button dimming (level 6)
♦ Support CAN bus control mode (GX-D704S1)
♦ Support RS485 bus control mode (GX-D704S2)
♦ Support 4 groups of LED brightness dimming
♦ Support channel status feedback function, support real-time query of channel status
♦ Device ID can be set manually, support multi-machine cascade
♦ Support environment illuminance preset and setting

Technical Parameters

Output voltage	0-10V, single channel supports simultaneous control of 8 lights
Output channel	4 channels
Control mode	CAN (baud rate 125kbps)\RS485 (baud rate 9600bps)
Panel key control	6-level dimming
Device ID	Manually adjustable
Single channel maximum output current	5mA
Power supply	Bus DC24V
Power consumption	<1W
Installation	Distribution box rail installation, 4P
Dimensions (L×W×H)	72×90×63mm

HD Modular Matrix
(One card four way)

GONSIN Modular Matrix supports signals conversion in various interface formats, including HDMI, DVI, VGA, VIDEO, YPbPr, SDI and optical fiber. Leading full-digital signal processing technology without distortion ensures the best image is sent to the display side. The flexible and changeable plug-in modular structure design perfectly solves the compatibility problem of too many signal sources and coexistence of digital and analog signals in video projects. Each signal card supports 4-way signal input or output, saving the investment costs and reducing the difficulty of construction. It is convenient to expand upgrade and maintenance.

◆ HD Modular Matrix Switcher
GX-MMD08-D/MMD16-D/MMD32-D/MMD64-D

GX-MMD08-D

GX-MMD16-D

GX-MMD32-D

GX-MMD64-D

GONSIN®

◆ Product Features

- ♦ In compliance with IEC60914 international standard
- ♦ Industrialized standard chassis design
- ♦ Modular design, input/output signal card can be selected according to actual needs
- ♦ Flush-mounting hardware architecture design, the system is stable and reliable, seamless switching, without black screen and splash screen, no delay
- ♦ Compatible with 1080P seamless switching cards for HDMI, DVI, VGA, AV, SDI, HDBaseT, Optical Fiber, etc.
- ♦ Compatible with 4K×2K signal switching cards for HDMI, HDBaseT, Optical Fiber
- ♦ Bus switching technology, each signal is transmitted through a separate channel to ensure the real-time display of all signal images.
- ♦ The switcher is with frequency multiplier and upscaling technology to scale or enhance the image signals
- ♦ Support OSD custom character overlay screen display function
- ♦ Support query function for input and output channel status of current device
- ♦ Support image mosaic function (1×1~8×8 equal scale image)
- ♦ There are 4 kinds of control modes including RS232, TCP/IP, IR and button control. It is flexible and convenient to use.
- ♦ Support locking function of panel button to prevent misoperation
- ♦ Support no less than 10 scene save and recall function, and support group cutting function
- ♦ Support HDMI 1.4a standard, up to 4K resolution input/output switching, HDCP compliant
- ♦ Supports embedded EDID management and manual EDID learning function
- ♦ Switcher and signal can run no less than 7 × 24 hours with continuous power and failure-free operation

◆ Technical Parameters

Model	GX-MMD08-D	GX-MMD16-D	GX-MMD32-D	GX-MMD64-D
Chassis structure	Pluggable signal card			
Slots for cards	Input*2 /output *2	Input*4/output*4	Input*8/output*8	Input*16/output*16
Type of signal	1080P signal: HDMI,DVI,VGA,AV,SDI,HDBaseT,Optical Fiber 4K×2K signal: HDMI, HDBaseT, Optical Fiber			
Resolution	According to the type of input and output card, support 36 types of resolution:1920×1200,1080P,1080I,1366×768,720P,576i,480i			
control modes	RS232,TCP/IP,IR,button control			
Front panel	button control, LCD screen, IR Receiving window			
Power	220V AC 50/60Hz			
Power Consumption	23W	31W	60W	116W
Relative humidity	10%~90%			
Working temperature	0°C~+50°C			
Dimension of chassis (L×W×H)	2U without hanger: 437x318x88mm with hanger: 483x318x88mm	3U without hanger: 437x317x133mm with hanger: 483x317x133mm	5U without hanger: 437x320x222mm with hanger: 483x320x222mm	10U without hanger: 437x317x444mm with hanger: 483x317x444mm

HD Modular Matrix Switcher

GX-MMD96-D/MMD144-D

GX–MMD96–D   GX–MMD144–D

Product Features

♦ In compliance with IEC60914 international standard

♦ Industrialized standard chassis design

♦ Modular design, input/output signal card can be selected according to actual needs

♦ Flush-mounting hardware architecture design, the system is stable and reliable, seamless switching, without black screen and splash screen, no delay

♦ Compatible with 1080P seamless switching cards for HDMI, DVI, VGA, AV, SDI, HDBaseT, Optical Fiber, etc.

♦ Compatible with 4K×2K signal switching cards for HDMI, HDBaseT, Optical Fiber

♦ Bus switching technology, each signal is transmitted through a separate channel to ensure the real-time display of all signal images.

♦ The switcher is with frequency multiplier and upscaling technology to scale or enhance the image signals

♦ Support OSD custom character overlay screen display function

♦ Support query function for input and output channel status of current device

♦ Support image mosaic function (1×1~8×8 equal scale image)

There are 4 kinds of control modes including RS232, TCP/IP, IR and button control. It is flexible and convenient to use.

♦ Support locking function of panel button to prevent misoperation

♦ Support no less than 10 scene save and recall function, and support group cutting function

♦ Support HDMI 1.4a standard, up to 4K resolution input/output switching, HDCP compliant

♦ Supports embedded EDID management and manual EDID learning function

♦ Redundant power supply design, support for power failure alarm function

♦ Switcher and signal can run no less than 7 × 24 hours with continuous power and failure-free operation

◆ Technical Parameters

Model	GX-MMD96-D	GX-MMD144-D
Chassis structure	Pluggable signal card	
Slots for cards	Input*24/output*24	Input*36/output*36
Type of signal	1080P signal: HDMI,DVI,VGA,AV,SDI,HDBaseT,Optical Fiber 4K×2K signal: HDMI,HDBaseT,Optical Fibe	
Resolution	According to the type of input and output card, support 36 types of resolution:1920×1200,1080P,1080I,1366×768,720P,576i,480i	
control modes	RS232,TCP/IP,IR,button control	
Front panel	button control, LCD screen, IR Receiving window	
Power	220V AC 50/60Hz	
Power Consumption	220W	248W
Relative humidity	10%~90%	
Working temperature	0°C~+50°C	
Dimension of chassis (L×W×H)	20U without hanger: 437x450x888mm with hanger: 483x450x888mm	28U without hanger: 437x448x1244mm with hanger: 483x448x1244mm

2-way VGA & 2-way HDMI Seamless Input/Output Card

Product Features

GX-VGA2I&HDMI2I-D

♦ 2 channels for HDMI input, 4 channels for audio input, 2 channels for VGA input

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ HDMI input audio defaults to embedded audio input, supporting embedded analog audio

♦ Manually select VGA (RGBHV), YPbPr, S-VIDEO or C-VIDEO signal format.

♦ VGA signals support embedded analog audio, and audio and video synchronization (if no video, embedded audio can not be transmitted)

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

♦ Input signal card with character overlay function

GX-VGA2O&HDMI2O-D

♦ 2 channels for HDMI output, 4 channels for audio output, 2 channels for VGA output

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ HDMI output de-embedded audio is off by default and can be turned on by command

♦ Manually select VGA (RGBHV), YPbPr, S-VIDEO or C-VIDEO signal format.

♦ VGA signals support embedded analog audio, and audio and video synchronization (if no video, embedded audio can not be transmitted)

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

◆ Technical Parameters

Product	2-way VGA & 2-way HDMI seamless input card	2-way VGA & 2-way HDMI seamless output card
Model	GX-VGA2I&HDMI2I-D	GX-VGA2O&HDMI2O-D
HDMI		
Type of signal	HDMI input×2, DVI compatible	
Interface	HDMI Type A	
Color Depth	8 & 10 & 12 bit	8bit
Bandwidth	6.75Gpbs	
Audio Signal Format	Embedded audio support PCM,Dobly Digital,DTS,DTS-HD format, external audio support PCM format	
Standard	HDMI1.3	
EDID management	Support EDID learning function	
Transmission Distance	1080P≤10m(select high quality wire)	
VGA		
Type of signal	VGA (RGBHV), YPbPr, S-VIDEO, CVBS	
Interface	D-Sub	
Number	Input×2	Output×2
Coupled input	Only AC Coupled	-
Bandwidth	YPbPr:170MHz; CVBS:150MHz; VGA:170MHz	340MHz(-3dB)
Input/Output Level	0.5~2.0Vp-p	
Input/Output Impedance	75 Ohm	
Switch type	Vertical spacing	
Frequency Response	20Hz~20K Hz	
Transmission Distance	1080P≤10m(select high quality wire)	
Audio Signal		
Type of signal	Analog audio signal inpu×4	
Connector	3-pin phoenix contact	
Audio Input Impedance	>10K Ohm	-
Input Impedance	75 Ohm	
Frequency Response	20Hz~20K Hz	
Transmission Distance	≤10m(select high quality wire)	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	12W	8W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

2-way SDI & 2-way HDMI Seamless Input/Output Card

Product Features

GX-SDI2I&HDMI2I-D

♦ 2 channels for HDMI input, 2 channels for audio input, 2 channels for SDI input，2 channels for SDI loop output

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz
   Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ HDMI input audio defaults to embedded audio input, supporting embedded analog audio

♦ Automatically recognize SDI, HD-SDI or 3G-SDI signal format, with upscaling function

♦ Use coaxial cable for SDI output ,support 70m-100m (1080P signal) transmission distance

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

♦ Input signal card with character overlay function

GX-SDI2O&HDMI2O-D

♦ 2 channels for HDMI output, 2 channels for audio output, 2 channels for SDI output，2 channels for SDI loop output

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ HDMI output de-embedded audio is off by default and can be turned on by command

♦ Automatically recognize SDI, HD-SDI or 3G-SDI signal format, with upscaling function

♦ Use coaxial cable for SDI output ,support 70m-100m (1080P signal) transmission distance

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

◆ Technical Parameters

Product	2-way SDI & 2-way HDMI seamless input card	2-way SDI & 2-way HDMI seamless output card
Model	GX-SDI2I&HDMI2I-D	GX-SDI2O&HDMI2O-D
HDMI		
Type of signal	HDMI input×2, compatible with DVI	HDMI output×2, compatible with DVI
Interface	HDMI Type A	
Color Depth	8 & 10 & 12 bit	8bit
Bandwidth	6.75Gpbs	
Audio Signal Format	Embedded audio support PCM,Dobly Digital,DTS, DTS-HD format, external audio support PCM format	
Standard	HDMI1.3	
EDID management	Support EDID learning function	
Transmission Distance	1080P≤10m(select high quality wire)	
SDI		
Type of signal	3G-SDI, compatible with HD-SDI,SDI (with SDI loop output)	
Connector	BNC	
Input/Output Level	T.M.D.S 2.9V~3.3V	
Input/Output Impedance	75 Ohm	
Bandwidth	6.75Gbps	
Maximum resolution	1080P@60Hz	
Color depth	8&10& 12bit	
Transmission Distance	1080P≤100m (select high quality wire)	
Audio Signal		
Type of signal	Analog audio signal input×4	Analog audio signal output×4
Connector	3-pin phoenix contact	
Audio Input Impedance	>10K Ohm	-
Input Impedance	75 Ohm	
Frequency Response	20Hz~20K Hz	
Transmission Distance	≤10m(select high quality wire)	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	13W	12W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

4-way HDMI Seamless Input/Output Card

Product Features

GX-HDMI4I-D

♦ 4 channels for HDMI input, 4 channels for analog audio input

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ HDMI input audio defaults to embedded audio input, supporting embedded analog audio

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

♦ Input signal card with character overlay function

GX-HDMI4O-D

♦ 4 channels for HDMI output, 4 channels for analog audio output

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Supports HDMI 1.3 and HDCP 1.3, compatible with DVI signal

♦ Supports video upscaling, converting output source to 1080P or 1920x1200

Technical Parameters

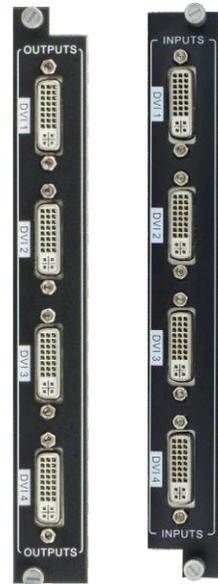| Product	4-way HDMI seamless input card	4-way HDMI seamless output card
Model	GX-HDMI4I-D	GX-HDMI4O-D
HDMI		
Type of signal	HDMI input×4, compatible with DVI	HDMI output×4, compatible with DVI
Interface	HDMI Type A	
Color Depth	8 & 10 & 12 bit	8bit
Maximum resolution	1080P@60Hz	
Bandwidth	6.75Gpbs	
Audio Signal Format	Embedded audio support PCM,Dobly Digital,DTS, DTS-HD format, external audio support PCM format	
Standard	HDMI1.3	
EDID management	Support EDID learning function	
Transmission Distance	≤10m(select high quality wire)	
Audio Signal		
Type of signal	Analog audio signal input×4	Analog audio signal output×4
Connector	3-pin phoenix contact	
Audio Input Impedance	>10K Ohm	-
Input Impedance	75 Ohm	
Frequency Response	20Hz~20K Hz	
Transmission Distance	≤10m(select high quality wire)	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	7.1W	7.9W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

GONSIN®

4-way DVI Seamless Input/Output Card

◆ Product Features

GX-DVI4I-D

♦ 4 channels for seamless DVI input
♦ Supports resolution selection, and it is up to 1920x1080P@60Hz
♦ Automatically recognize DVI,HDMI,VGA,YPbPr and CVBS signal format
♦ Supports video upscaling, converting output source to 1080P or 1920x1200
♦ Input signal card with character overlay function

GX-DVI4O-D

♦ 4 channels for seamless DVI output
♦ Supports resolution selection, and it is up to 1920x1080P@60Hz
♦ Automatically recognize DVI,HDMI,VGA,YPbPr and CVBS signal format
♦ Supports video upscaling, converting output source to 1080P or 1920x1200

◆ Technical Parameters

Product	4-way DVI seamless input card	4-way DVI seamless output card
Model	GX-DVI4I-D	GX-DVI4O-D
Type of signal	4 channels for DVI signal, compatible with HDMI, VGA, CVBS and YPbPr	
Connector	DVI-I female	
Input Level	T.M.D.S 2.9V~3.3V	
Input Impedance	75 Ohm	
Transmission Distance	≤10m(select high quality wire)	
Bandwidth	340MHz(10.2Gbit/s)	
Max Time-delay	5nS(±1nS)	
Date type	8bit	
Video Signal Format	Embedded audio support PCM,Dolby Digital,DTS, DTS-HD format, external audio support PCM format	
Audio sampling rate	32K, 44.1K, 48K, 88.2K, 96K, 176.4K,192K	
EDID and DDC	Supports Extended Display Identification Data (EDID) and Display Data Channel (DDC) data using DVI and HDMI standards	
HDCP	Compliant with HDCP using DVI and HDMI 1.3 standards	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	10W	6W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	
Note: When connecting HDMI, VGA, YPbPr and CVBS signals, special connection lines are needed.		

4-way VGA Seamless Input/Output Card

Product Features

GX-VGA4I-D

♦ 4 channels for VGA input, 4 channels for analog audio signal input

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Manually select VGA (RGBHV), YPbPr, S-VIDEO or C-VIDEO signal format

♦ VGA signals support embedded analog audio, and audio and video synchronization (if no video, embedded audio can not be transmitted)

♦ Supports video upscaling, converting input video to 1080P or 1920x1200P

♦ Input signal card with character overlay function

♦ Support single port recovery factory settings

GX-VGA4O-D

♦ 4 channels for VGA output, 4 channels for analog audio signal output

♦ Supports resolution selection, and it is up to 1920x1080P@60Hz

♦ Manually select VGA (RGBHV), YPbPr, S-VIDEO or C-VIDEO signal format

♦ VGA signals support embedded analog audio, and audio and video synchronization (if no video, embedded audio can not be transmitted)

♦ Supports video upscaling, converting input video to 1080P or 1920x1200P

♦ When the output board is set to CVBS, the default is PAL and can be set to NTSC.

♦ Support single port recovery factory settings

Technical Parameters

Product	4-way VGA seamless input card	4-way VGA seamless output card
Model	GX-VGA4I-D	GX-VGA4O-D
Video Signal		
Type of signal	4 channels for VGA signal, compatible with YPbPr, S-VIDEO, CVBS(manually select)	
Connector	D-sub female	
Input Level	0.5~2.0Vp-p	
Input Impedance	75 Ohm	
Transmission Distance	YPbPr:170MHz; CVBS:150MHz; VGA:170MHz	340MHz(-3dB)
Bandwidth	≤10m(select high quality wire)	
Audio Signal		
Input signal	Analog audio signal input ×4	
Input Connector	3-pin phoenix contact	
Audio input impedance	>10K Ohm	-
Input impedance	75 Ohm	
Frequency response	20Hz~20K Hz	
Transmission Distance	≤10m(select high quality wire)	
General		
Gain	0 dB	
Crosstalk	200ns (Maximum)	
Switching Rate	<−50dB@5MHz	
Power consumption	12W	6W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	
Note: When connecting YPbPr, S-VIDEO and CVBS signals, special connection lines are needed.		

GONSIN®

4-way CVBS Seamless Input/Output card

Product Features

GX-CVBS4I-D

♦ 4 channels for CVBS input, 4 channels for analog audio signal input

♦ Supports video upscaling, converting output video to 1080P or 1920x1200P

♦ Support NTSC or PAL, adjusted by instruction

♦ Input signal card with character overlay function

GX-CVBS4O-D

♦ 4 channels for CVBS output, 4 channels for analog audio signal output

♦ The output resolution supports 480i or 576i

♦ Support NTSC or PAL, adjusted by instruction

♦ Input signal card with character overlay function

Technical Parameters

Product	4-way CVBS seamless input card	4-way CVBS seamless output card
Model	GX-CVBS4I-D	GX-CVBS4O-D
Video signal		
Type of signal	4 channels for CVBS signal	
Connector	BNC	
Resolution	480i or 576i	480i or 576i (default)
Transmission Distance	≤100m(select high quality wire)	
Audio Signal		
Signal Type	Analog audio signal input×4	Analog audio signal output×4
Connector	3-pin phoenix contact	
Audio input impedance	>10K Ohm	-
Input impedance	75 Ohm	
Frequency response	20Hz~20K Hz	
Audio Bottom Noise	-80dB	
Audio Maximum Undistorted Voltage	2.0V	
Transmission Distance	≤100m(select high quality wire)	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	11W	9W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	
Bandwidth	6.75Gbps	

4-way SDI Seamless Input/Output Card

Product Features

GX-SDI4I-D

♦ 4 SDI input and 4 loop output ports

♦ Compatible with 3G-SDI/HD-SDI/SDI signal formats for SDI input

♦ The transmission distance is 100 meters for 1080P signal

♦ Supports video upscaling, converting output video to 1080P or 1920x1200P

♦ Input signal card with character overlay function

GX-SDI4O-D

♦ 4 SDI output and 4 loop output ports

♦ Compatible with 3G-SDI/HD-SDI/SDI signal formats for SDI output

♦ The transmission distance can up to 100 meters at 1080P.

Technical Parameters

Product	4-way SDI seamless input card	4-way SDI seamless output card
Model	GX-SDI4I-D	GX-SDI4O-D
Type of signal	SDI output ×4 (with SDI loop output ports)	
Connector	BNC	
Input Level	T.M.D.S 2.9V~3.3V	
Input Impedance	75 Ohm	
Video signal	SDI, HD-SDI, 3G-SDI	
Color depth	8&10& 12bit	
Bandwidth	6.75Gbps	
Highest resolution	1080P@60Hz	
Transmission Distance	≤100m(select high quality wire)	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns(Maximum)	
Power consumption	14W	15W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

4-way HDBaseT Seamless Input/Output Card

Product Features

GX-HDBaseT4I-D

- ♦ 4 channels for HDBaset input, 4 channels for audio input, 4 channels for RS-232 input/output
- ♦ Supports input resolution selection, and the default is 1920x1080P@60Hz.
- ♦ Input audio defaults to embedded audio input, supporting embedded analog audio
- ♦ Features RS232 ports for two-way RS232 pass-through
- ♦ The transmission distance can up to 70 meters at 1080P.

GX-HDBaseT4O-D

- ♦ 4 channels for HDBaset output, 4 channels for audio output, 4 channels for RS-232 input/output
- ♦ Supports input resolution selection, and the default is 1920x1080P@60Hz.
- ♦ The output de-embedding audio is turned on by default and can be turned off by instruction.
- ♦ Features RS232 ports for two-way RS232 pass-through
- ♦ The transmission distance can up to 70 meters at 1080P.

Technical Parameters

Product	4 channels seamless HDBaseT Input Card	4 channels seamless HDBaseT Output Card
Model	GX-HDBaseT4I-D	GX-HDBaseT4O-D
Video signal		
Type of signal	4 channels for HDBaseT signal	
Connector	Rj45, two color indicators with yellow and green	
Input Level	T.M.D.S 2.9V~3.3V	
Input Impedance	100 Ohm	
Bandwidth	10.2Gbps	
Resolution	Up to 1920×1200@60Hz, seamless	
Video Signal Format	Embedded audio support PCM,Dolby Digital,DTS,DTS-HD format, external audio support PCM format	
HDMI standard	HDMI1.3	
EDID and DDC	Support EDID manual management, compatible with HDCP	
Transmission Distance	1080P≤70m(select high quality wire)	
Audio signal		
Signal type	Analog audio signal input×4	Analog audio signal output×4
Connector	3.5mm mini jack	
Audio input impedance	>10K Ohm	-
Input impedance	75 Ohm	
Frequency response	20Hz~20K Hz	
Transmission Distance	1080P≤70m(select high quality wire)	
Control signal		
Type of signal	RS232 control signal (pass-through) ×4	
Connector	3-pin phoenix contact	
Protocol	Support RS232 protocol	
General		
Gain	0dB	
Crosstalk	<−50dB@5MHz	
Switching Rate	200ns(Maximum)	
Power consumption	21W	
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

4-channel Optical Fiber Seamless Input/Output Card

Product Features

GX-FDDI4I-D

♦ 4-way optical fiber input

♦ It is used with optical fiber transmitter and seamless optical fiber output card

♦ The transmission signal type is DVI/HDM ,support 1080P seamless transfer

♦ The transmission distance of single mode is 2KM, and the multi-mode is 300M

♦ Does not support HDCP transmission, no DDC data read channel

GX-FDDI4O-D

♦ 4-way optical fiber output

♦ It is used with optical fiber transmitter and seamless optical fiber output card

♦ The transmission signal type is DVI/HDM ,support 1080P seamless transfer

♦ The transmission distance of single mode is 2KM, and the multi-mode is 300M

♦ Does not support HDCP transmission, no DDC data read channel

Technical Parameters

Product	4-way Seamless Optical Fiber Input Card	4-way Seamless Optical Fiber Output Card
Model	GX-FDDI4I-D	GX-FDDI4O-D
Type of signal	Optical Fiber Input×4	Optical Fiber Output×4
Connector	Optical Fiber LC connector	
Type of optical fiber	Single mode/Multi-mode	
Optical fiber signal	Up to 1920×1200@60Hz resolution, seamless	
Transmission Distance	Single mode ≤2KM, Multi-mode ≤300M	
Data Rate	10.2Gbit/s	
Date	DVI/HDMI	
Color depth	8bit, 10bit, 12bit, 16bit	
General		
Gain	0dB	
Crosstalk	<-50dB@5MHz	
Switching Rate	200ns (Maximum)	
Power consumption	24W	32W
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

GONSIN

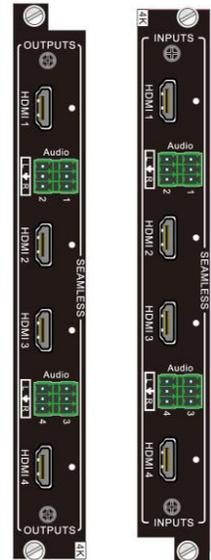# 4-way 4K HDMI Seamless Input/Output Card

Product Features

GX-HDMI4IF-D

- ♦ 4 ways of HDMI input, 4 ways of analog audio input
- ♦ Resolution up to 4096*2160@60Hz4:2:2, support seamless switching
- ♦ Support HDMI1.4, HDCP2.2, compatible with DVI signal
- ♦ Support embedded analog audio, HDMI defaults to embedded audio
- ♦ Input signal card with character overlay function
- ♦ Can be used with 1080P seamless card

GX-HDMI4OF-D

- ♦ 4 ways of HDMI output, 4 ways of analog audio output
- ♦ Resolution up to 4096*2160@60Hz4:2:2, support seamless switching
- ♦ Support HDMI1.4, HDCP2.2, compatible with DVI signal
- ♦ The output de-embedding audio is turned on by default and can be turned off by instruction.
- ♦ Support output simple stitching
- ♦ Can be used with 1080P seamless card

Technical Parameters

Product	4-way 4K Seamless HDMI Input Card	4-way 4K Seamless HDMI Output Card
Model	GX-HDMI4IF-D	GX-HDMI4OF-D
HDMI		
Type of signal	Optical Fiber Input ×4, compatible with DVI-D	Optical Fiber Output ×4, compatible with DVI-D
Interface	HDMI Type A	
Color depth	8bit	
Resolution	Resolution up to 4K and seamless switching	
Audio signal		
Signal type	Analog audio signal input×4	Analog audio signal output×4
Connector	3-pin phoenix contact	
Audio Input Impedance	>10K Ohm	
Input Impedance	75 Ohm	
Frequency response	20Hz~20K Hz	
Transmission distance	≤10m(select high quality wire)	
General		
Bandwidth	10.2Gpbs	
Audio format	Embedded audio support PCM,Dobly Digital,DTS, DTS-HD format, external audio support PCM format	
Standard	HDMI1.4, HDCP2.2	
EDID Management	Support EDID learning function	
Transmission distance	1080P≤10m; 4K≤5m(select high quality wire)	
Power Consumption	6W	
Working temperature	0°C~+50°C	
Relative humidity	10%~90%	

HDBT 4K Seamless Input/Output Signal Card

GX-HDBaseT2IF-D/GX-HDBaseT2OF-D

GX-HDBaseT2IF-D

GX-HDBaseT2OF-D

Product Features

GX-HDBaseT2IF-D

♦ 2 ways of HDBaset input, 2 ways of audio input, 2 ways of RS-232 input/output

♦ Seamless switch default resolution is 3840*2160@30hz, which can be adjusted by instructions

♦ Output demultiplexing audio is on by default, which can be closed by instructions.

♦ Support RS232 and remote passthrough, realize two-way communication for serial port

♦ Max transmission distance for 1080P is 70m, 4K transmission is 40m

GX-HDBaseT2OF-D

♦ 2 ways of HDBaset output, 2 ways of audio output, 2 ways of RS-232 input/output

♦ Seamless switch default resolution is 3840*2160@30hz, which can be adjusted by instructions

♦ Output demultiplexing audio is on by default, which can be closed by instructions.

♦ Support RS232 and remote passthrough, realize two-way communication for serial port

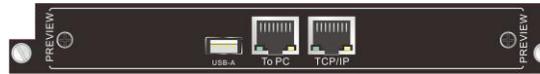♦ Max transmission distance for 1080P is 70m, 4K transmission is 40m

◆ Technical Parameters

Video Signal	
Signal type	2 ways of HDBaset signals
Connector	RJ45，with yellow-and-green indicator
Input level	T.M.D.S 2.9V～3.3V
Input resistance	Differential 100 Ohm
Bandwidth	10.2Gbps
Resolutions	Max resolution support 3840*2160@30hz, seamless
Audio formats	Embedded audio supports PCM, Dobly Digital, DTS, DTS-HD format, external audio supports PCM format
HDMI standard	Support HDMI1.3
EDID and HDCP	Support EDID manual management, compatible with HDCP
Transmission distance	1080P≤70m，4K≤40m(please work with high-class cable)
Audio Signal	
Signal type	Analog audio signal input ×2
Connector	3.5mm audio out socket
Input resistance	75 Ohm
Frequency response	20Hz～20K Hz
Control Signal	
Signal type	RS232 control signal（passthrough）×2
Connector	3P Phoenix
Protocol	Support RS232 protocol
Common Parameter	
Signal gain	0dB
Crosstalk	<-50dB@5MHz
Switch speed	200ns (Max.)
Power Consumption	15W
Working temperature	0℃～+50℃
Working humidity	10%～90%

◆ Signal Decoding Card GX-PV4O-D

◆ Product Features

♦ Work with a mixed card-insertion matrix switcher to realize video preview
♦ Through the matrix control software, realize video switch, preview and pre-edit setting and others
♦ Preview 4 ways of video sources, the resolution of each way of preview video is up to 720p

◆ Technical Parameters

Interfaces	1*RJ45、1*USB
Power	powered by the host
Max power consumption	18W
Working temperature	0℃～50℃
Working humidity	10%～90%
Size	195mm×25mm×152mm
Product weight	195g

◆ Signal Decoding Card GX-IP4I-D

◆ Product Features

♦ Acquisition of streaming signal is up to 1920*1200@60hz
♦ Support information check of input signal
♦ Support controlling signal via network, namely the user can control the camera through IP with the sever software
♦ Support ONVIF protocol, compatible with GB28181 standard
♦ Support online update, which makes maintenance easier

◆ Technical Parameters

Interface type	1xRJ45 2x3PIN
Compression and coding standard	Support H. 264/AVC (MPEG-4 Part 10, AVC, Baseline/main/High Profile) compression standard
Protocols of network video	Support decoding process with H.264/RTSP/RTP standard protocols
Working temperature	0～ +50℃
Working humidity	10% ～ 90%
Weight	190G
Power	Powered by the host
Power consumption	11.8W

GONSIN®

◆ HDBaseT Transmitter

GX-TF101T-D

◆ Product Features

♦ Support Full HD: Delivers high resolution image (1080P 3D/4K*2K @60Hz).

♦ Maximum transmission distance is 70 m for 1080P and 40m for 4K*2K over singleCAT5e/ CAT6a cable.

♦ HDCP2.2 and HDMI2.0 compliant.

♦ Support CEC/IR/RS232 pass through.

♦ Support bi directional power supply function.

♦ Use HDBaseT technology.

♦ LED indicators show work status.

◆ Technical Parameters

Input	1*HDMI(Type A HDMI Female)
Output	1*HDBaseT(RJ-45 Connector)
Control Ports (pass-through)	1*IR IN(3.5mm jack), 1*IR OUT(3.5mm jack), 1*RS232(3pin Phoenix Contact)
Transmission Mode	HDBaseT
Transmission Distance	4K*2K (≤40m),1080P (≤70m)
Bandwidth	10.2Gbps
HDMI Standard	Support HDMI2.0 and HDCP2.2
Power Supply	Input:100V AC~240V AC,50/60Hz Output: 24V DC 1.25A
Power Consumption	≤14W
Temperature	0 ~ 50°C
Humidity	10% ~ 90%
Dimension (W*H*D)	115*109*16.2mm
Net Weight	193g

GX-TF102T-D

◆ Product Features

♦ HDMI/DVI/VGA output resolution up to 1920*1200@60HZ.

♦ Support bi directional power supply function.

♦ Maximum transmission distance is up to 70m for 1080P.

♦ Support D Scaler function.

♦ DVI/VGA input signal can be embedded with external audio.

♦ HDMI/DVI/VGA input signal can be switched automatically.

♦ Control methods:front panel buttons of transmitter, bi-directional RS232 control.

♦ LED indicators show work status.

◆ Technical Parameters

Input	1*HDMI(Type A HDMI Female), 1*DVI(DVI-I Female)1*VGA(D-Sub), 1*AUDIO(3.5mm jack)
Output	1*HDBaseT(RJ-45 Connector)
Control Ports (pass-through)	1*IR IN(3.5mm jack), 1*IR OUT(3.5mm jack), 1*RS232(3pin Phoenix Contact)
Transmission Mode	HDBaseT
Transmission Distance	1080P (≤70m)
VGA	Support VGA、CVBS、YPbPr
Bandwidth	10.2Gbps
HDMI Standard	HDMI1.4,HDCP1.2
Power Supply	Input: 100V AC ~ 240V AC, 50/60Hz Output: 24V DC 1.25A
Power Consumption	≤7W
Temperature	0 ~ 50°C
Humidity	10% ~ 90%
Dimension (W*H*D)	220*100*30mm
Net Weight	426g

HDBaseT Receiver

GX-TF101R-D

Product Features

- ♦ Support Full HD: Delivers high resolution image (1080P/3D/4K∗2K).
- ♦ Maximum transmission distance is 70 m for 1080P and 40m for 4K∗2K over singleCAT5e/ CAT6 a cable.
- ♦ HDCP2.2 and HDMI2.0 compliant.
- ♦ Support CEC/IR/RS232 pass through.
- ♦ Support bi directional power supply function.
- ♦ Use HDBaseT technology.
- ♦ LED indicators show work status.

Technical Parameters

Input	1∗HDBaseT(RJ-45 Connector)
Output	1∗HDMI(Type A HDMI Female)
Control Ports (pass-through)	1∗IR IN(3.5mm jack) 1∗IR OUT(3.5mm jack) 1∗RS232(3pin Phoenix Contact
Transmission Mode	HD BaseT
Transmission Distance	4K∗2K (≤40m),1080P (≤70m)
Bandwidth	10.2Gbps
HDMI Standard	Support HDMI2.0 and HDCP2.2
Power Supply	Input: 100V AC ~ 240VAC, 50/60Hz Output: 24V DC 1.25A
Power Consumption	≤14W
Temperature	0 ~ 50°C
Humidity	10% ~ 90%
Dimension (W∗D∗H)	115∗16.2∗109mm
Net Weight	196g

GX-TF102R-D

Product Features

- ♦ The highest resolution of HDMI, DVI and VGA signals can reach 1920x1200@60HZ.
- ♦ Support bi directional power supply function.
- ♦ Maximum transmission distance is 70 m for 1080P
- ♦ Support upscaling function.
- ♦ DVI/VGA input signal can be embedded in external audio.
- ♦ Freely switch HDMI, DVI and VGA input signals.
- ♦ Support front panel button control, bidirectional RS232 serial port command control.
- ♦ LED indicators show work status.

Technical Parameters

Input	1∗HDBaseT(RJ-45 Connector) 1∗HDMI(Type A HDMI Female)
Output	1∗DVI(DVI-I Female)1∗VGA(D-Sub) 1∗AUDIO(3.5mm jack)
Control Ports (pass-through)	1∗IR IN(3.5mm jack) 1∗IR OUT(3.5mm jack) 1∗RS232(3pin Phoenix Contact)
Transmission Mode	HD BaseT
Transmission Distance	1080P ≤70m
VGA	Support VGA, YPbPr
Bandwidth	10.2Gbps
HDMI Standard	HDMI1.4,HDCP1.2
Power Supply	Input: 100V AC ~ 240VAC, 50/60Hz Output: 24V DC 1.25A
Power Consumption	≤13W
Temperature	0 ~ 50°C
Humidity	10% ~ 90%
Dimension (W∗D∗H)	220∗100∗30mm
Net Weight	455g

Wall Plate HDBaseT Transmitter
GX-TF105T-D

Product Features

♦ Wall insert installation design.

♦ Support HDMI 1.4, Transmits HDMI signals up to 4K*2K.

♦ 1.5s switching speed and stable performance.

♦ High bandwidth: 10.2Gbps

♦ HDCP compliance, equipped with HDCP auto tracking solution.

♦ Support bi directional power supply function.

♦ Maximum transmission distance is 60 m for 1080P and 40m for 4K*2K over single CAT5e cable.

♦ Energize Programmable Control Panel with a 12V DC power output.

♦ supports bi directional RS232 pass through control.

♦ Provides auto switching capability.

♦ HDMI/ VGA interfaces support hot-plug.

Technical Parameters

Video Input	2*HDMI(Type A HDMI Female); 1*VGA(D-Sub)
Audio Input	1*AUDIO(3.5mm jack), Synchronous VGA Audio
Frequency Response	20Hz~20KHz
Impedance	>10Ω
SNR	>85db@20Hz~20KHz
Output	1*HDBaseT(RJ45 Connector)
Control Ports (pass-through)	1*RS232(3pin Phoenix Contact
Transmission Mode	HDBaseT
Transmission Distance	1080P≤60 m(PoC), 4K*2K≤40 m (PoC)
Bandwidth	10.2Gbps
HDMI Standard	Support HDMI1.4 and HDCP
Power Supply	DC 12V/2A
Power Consumption	9.6W
Temperature	0~50°C
Humidity	10% ~ 90%
Dimension (W*D*H)	104.5*89*44mm
Net Weight	0.24Kg

Fiber Transmitter GX-TF104T-D
Fiber Receiver GX-TF104R-D

Product Features

Regular

♦ Support 1080P 3D &4K*2K@60Hz signal.

♦ Audio input source optional.

♦ Support EDID learning function, built-in 10 types of EDID data.

♦ Real time LED indicators for easy diagnosis and troubleshooting.

♦ Support firmware upgrade via Micro USB port.

♦ Supports hot plug.

GX-TF104T-D

Fiber Transmitter GX-TF104T-D

♦ HDMI input port, compatible with HDMI& DVI signal.

♦ 1 analog audio input port, support PCM (dual channel), stereo transmission.

♦ 1 way fiber signal output, single-mode (without HDCP) transmission distance up to 2km.

Fiber Receiver GX-TF104R-D

♦ 1 way fiber signal input, single-mode (without HDCP) transmission distance up to 2km.

♦ HDMI output port, compatible with HDMI& DVI signal.

♦ 1 analog audio output port, support PCM (dual channel), stereo transmission.

GX-TF104R-D

Technical Parameters

Model	GX-TF104T-D	GX-TF104R-D
Input	1*HDMI(Type A HDMI Female)	1*Fiber signal
Output	1*AUDIO(3.5mm jack) 1*Fiber signal	1*AUDIO(3.5mm jack), 1*HDMI(Type A HDMI Female)
Fiber connector	SPF Fiber connector	
Connector	LC fiber connector,date rate 10.2Gbps(Max)	
Transmission distance	300M(Max, OM3 Multimode fiber) 2KM(Single-mode fiber, suit to single mode fiber optical module)	
Transmission Solution(Max)	4K*2K	
Date rate(Max)	10.2Gbit/s	
Standards	HDMI1.4& DVI1.0; Stereo	
Power supply	Input:AC 100~240V,50/60Hz, Output:DC 5V 1A	
Power consumption	3.1W	2.7W
Temperature	0~50°C	
Reference Humidity	10% ~ 90%	
Dimension(W*D*H)	120 * 80* 32mm	
Weight	240g	

HDBaseT Extenders GX-TF201T&R-D

Product Features

♦ Compose of HDBaseT Transmitter GX-TF201T-D and HDBaseT Receiver GX-TF201R-D.
♦ Highest resolution up to 4Kx2k/60Hz.
♦ Compliant with HDCP2.2 standard.
♦ Maximum transmission distance is 70 m for 4K*2K HDMI.
♦ Maximum transmission distance is 100 m for 1080P HDMI.
♦ Ethernet network signal maximum transmission distance is 100 m.
♦ Support bi-directional PoC.
♦ Support IR/RS232/CEC pass through.

Technical Parameters

Product	HDBaseT Transmitter	HDBaseT Receiver
Model	GX-TF201T-D	GX-TF201R-D
Input	1*HDMI(Type A HDMI Female)	1*HDBaseT(RJ45 Connector)
Output	1*HDBaseT(RJ45 Connector)	1*HDMI(Type A HDMI Female)
Ethernet Connector	2*ETHERNET(RJ45 Connector)	
Ethernet control speed	Maximum distance adaptive 10M/100M, full or half duplex	
Control Ports (pass-through)	1*IR IN(3.5mm jack),1*IR OUT(3.5mm jack), 1*RS232(3pin Phoenix Contact	
Transmission Mode	HDBaseT	
Transmission distance	1080P ≤ 100m,4K*2K ≤ 70m	
Bandwidth	10.2Gbps	
Standard	HDMI1.4 & HDCP2.2	
Temperature	0 ~50°C	
Reference Humidity	0% ~ 90%	
Power supply	Input: AC100 ~ 240V50/60Hz, Output 24V DC 1.25A	
Power consumption	10W	
Dimension(W*D*H)	152*104*16.2mm	
Weight	235g	241g

English WeChat