

G10GCTL

Management Controller



Overview

G10GCTL AV over IP Management Controller is used to control and manage Genesis® SDVoE IP products.

G10GCTL supports dual 1G network ports, which can realize dual-network isolation of Control network and Multicast video distribution network.

The product supports Web GUI/TCP/RS-232/IR/GPIO controls and POE function. Since the demand of SDVoE IP products is daily increased in the current market, this IP Management Controller will be widely applied in all sorts of SDVoE applications.

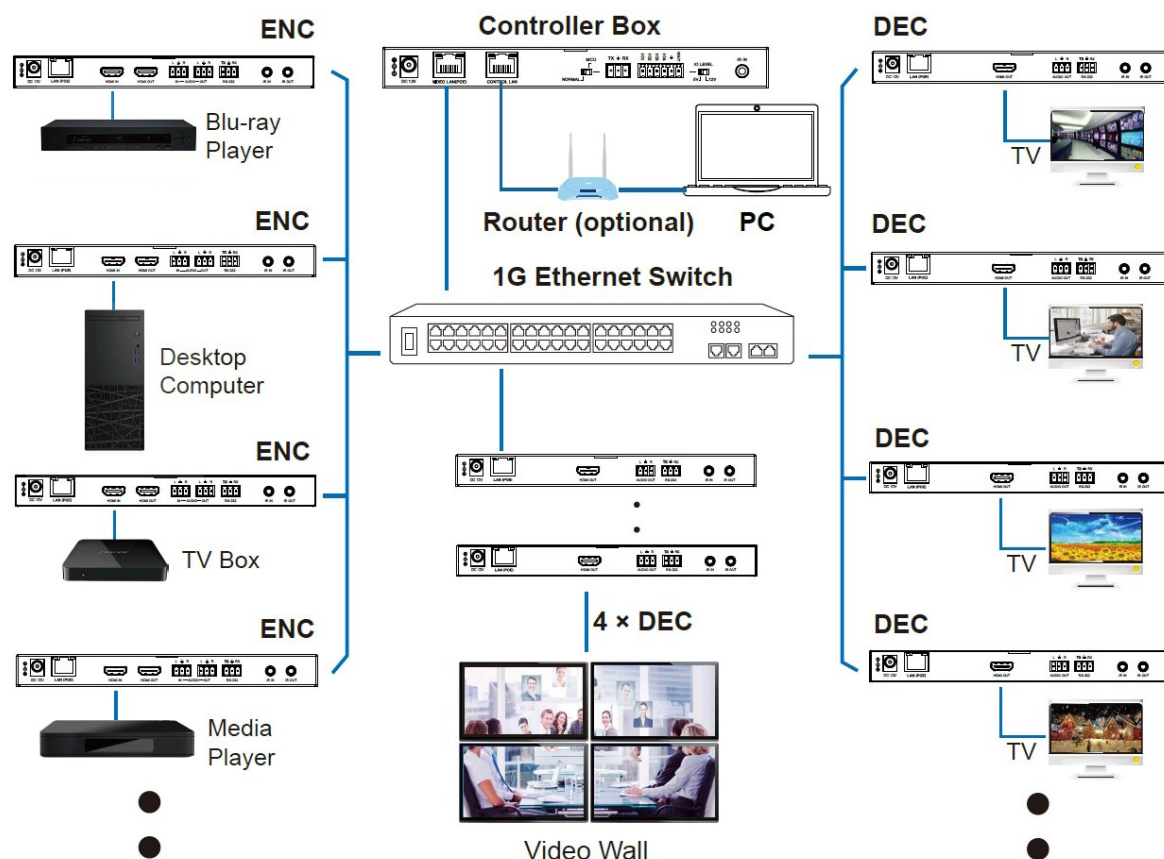


Key Features

- Easy to create project, control and manage the system
- HTTPS, SSH security compatible
- Built-in Web GUI control interface, supporting Drag & Drop operations
- Support image preview
- Support video, audio, RS-232, IR, KVM control and management of the distributed system
- Dual network ports (VIDEO LAN port supports POE function) to isolate Controls and
- Multicast networks.
- Support LAN/RS-232 port control and third-party central control
- Support IR signal receiving and loop output (3.5mm audio jack, 12V level)
- 4 channel GPIO control ports (5V/12V optional level)
- Multiple circuits protection, lightning protection and ESD design
- Reliable system design, ensuring 7*24 hours reliable and stable work

Specifications

Network Bandwidth	100M
Transmission Distance	100m CAT 5E/6/6A/7
Control Ports	2 x 100M LAN [RJ45 connector] [VIDEO LAN support POE] 1 x IR IN [3.5mm audio jack, 12V level] 1 x DIGITAL I/O [6-pin 3.81mm phoenix connector] 1 x RS-232 [3-pin 3.81mm phoenix connector]
Dimensions	204mm [W] × 98.5mm [D] × 21.5mm [H]
Power Consumption	4.5W
Power Supply	PoE or DC 12V/1A
Weight	0.51kg
Warranty	2 years
Operating temperature range	0~40 degrees centigrade
Operating humidity range	20%-90% (no condensation)
Storage temperature range	-20~60 degrees centigrade
Storage humidity range	20%~90%



System Diagram