

IPE Series AV over IP Management Engine

IPE-300C



DESCRIPTION

Taska IPE-300C Management Engine seamlessly integrates with third-party control systems (e.g., AMX, Crestron) to enable centralized management of IPE-series AV-over-IP distributed systems. It also features dual 1GbE ports (with PoE support on the VIDEO LAN interface) for isolated control and multicast network operation. It offers flexible control via LAN or RS-232 interfaces and includes an intuitive web-based GUI with drag-and-drop functionality for simplified Dante system management.

PRODUCT FEATURES

- | Easy to create project, control and manage the system
- | HTTPS, SSH, SFTP security compatible
- | Support video AES256 security encryption
- | Built-in Web GUI control interface for easily system setup and management
- | Intuitive “drag & drop” source selection with video preview
- | Powerful video wall function, supporting window roaming and marquee
- | Support video, audio, RS-232, IR, USB control and management of the distributed system
- | Support seamless switching for the distributed system
- | Support collaboration management of computers via mouse roaming, allowing one operator manages multiple PCs
- | Dual 1G network ports (VIDEO LAN port supports PoE function) to isolate Controls and video networks
- | Support IP camera imported as source
- | Support high definition background image (both video and picture are available), as well as multi-screen splicing display
- | Dual RS-232 ports, capable of connecting to central control or controlling external devices
- | Support IR signal receiving and loop output (3.5mm audio jack, 12V level)
- | 4 channel GPIO control ports (5V/12V optional level) for external devices control
- | Easy to integrate with the 3rd party major control system brands
- | Multiple circuits protection, lightning protection and ESD design
- | PoE (802.3af PD device) or local 12V power supply
- | Reliable system design, ensuring 7*24 hours reliable and stable work
- | Compatible with 1U/6U V2 rack installation

SPECIFICATION

Technical	
Network Port	1000M Base-T (supporting PoE)
Transmission Distance	100M CAT5E/6/6A/7
Connection	
	2 x LAN [RJ45] [VIDEO LAN supports PoE]
	2 x RS-232 [3pin-3.81mm Phoenix connector]
Control	1 x DIGITAL I/O [6pin-3.81mm Phoenix connector]
	1 x IR IN [3.5mm Audio Jack]
	1 x IR OUT [3.5mm Audio Jack]
	1 x UPDATE [Micro USB, 5-pin female]
Mechanical	
Color	Black
Dimensions	204mm [W] x 117.5mm [D] x 21.5mm [H]
Weight	597g
Electrical	
Power Consumption	6.84W (Max.)
Power Supply	Locking 5.5mm x 2.5mm jack: DC 12V/2.5A; PoE (IEEE802.3af Class 3, PD mode)
Environment	
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	20~80% RH (Non-condensing)
Storage Humidity	10~90% RH (Non-condensing)