



RGBCTL-PNDI-OL

PTZ Controller with Touch Screen

Touch Conference controller is a newly designed next-generation Android system network touch controller. lt features a 7-inch capacitive touchscreen with a simple and user-friendly Ul design. The controller's touchscreen allows for real-time preview, and images can be output via HDMl to an external display. lt supports H.265/H.264 single-channel decoding at 4K@60fps; four channels at 1080P@30fps; and 16 channels at 720P@30fps. The four-dimensional control joystick facilitates PTZ camera control for quicktarget positioning.


Houses


Restaurant


Hospital


School

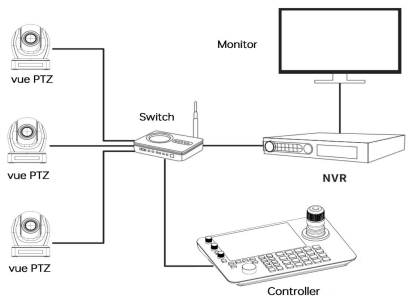

Factory


Workshop

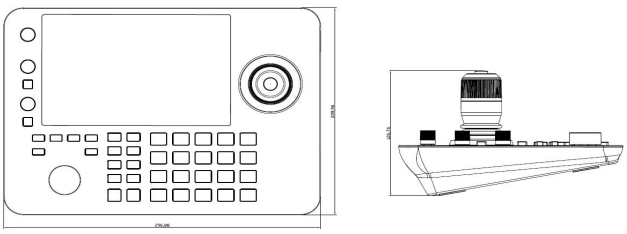
Key Features

- 7-inch capacitive touchscreen with Android 11 OS
- Support Android 11 operating system
- Advanced H.265/H.264 decoding (4-screen split supported)
- HDMI video wall output
- UVC/HDMI input preview
- Full PTZ control including presets, focus, zoom and exposure
- Photo capture and video recording capabilities
- Multi-channel NVR control via single IP
- ONVIF protocol compatible for device management
- Scalable system supports up to 2048 devices
- Multiple upgrade options: USB, external mouse or TF card
- RS422/RS485 control ports for extended connectivity

Application



Dimension



unit: mm

Specification

Connectors	LAN	Network	1 × RJ45 (Network/PoE)
	Serial	Serial Interface	1 × RS485/RS422 (RJ45)
			1 × RS232 (RJ45)
	Video	Video Output	1 × HDMI OUT
	Audio	-	-
	Expansion	USB Port	1 × USB
		Storage	1 × Micro SD slot
Performance	Display	Screen	7-inch capacitive touchscreen
		Screen	1024×600
	Video	Max Resolution	4K@30fps
	Decoding	Video Codecs	H.264/H.265
		H.264 Decoding	4×1080p@30fps / 16×720p@30fps
		H.265 Decoding	1×4K@60fps
	Control	Operating	4D joystick/focus slider/knob/buttons
	System	OS	Android 11
		System Settings	Language/password change/USB upgrade
Power	Power Supply	Power Interface	1 × Standard 5.5/2.1
		Input Voltage	DC 12V2A±10%
		Power	<1.5W
Protocol	Network	ONVIF	Supports 2.8 version (customizable)
Function	Device	Max Devices	Supports 2408 devices
	Camera	PTZ Control	Supports
		Advanced	Preset positions/patrol mode/pattern scanning
	Recording	Snapshot	Supports
Environment	Conditions	Operating	-10°C~50°C
		Storage	-40°C~60°C
		Operating	10%~90% RH (No frost)
Physical	Dimensions	Package Size	365×245×155mm (External)
	Weight	Net Weight	1781g/unit
Other	Reliability	MTBF	>30,000 hours

Product Code

Product Code	Item
981-1000-11-0	**RGBCTL-PNDI-OL**

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Specifications are correct at time of printing and subject to change or alteration without notic

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