

TEK4 TekMonitor

70006 Data Sheet

The TEK4 TekMonitor is the compact edition of the 4th generation of TEKVOX's series of TekMonitor networked A/V controllers. This family of controllers is designed as the heart of remotely-monitored, distributed control and management systems, complete with interchangeable device drivers and advanced asset management. The TEK4 includes significantly upgraded memory, as well as a powerful ARM-based processor running a Linux operating system. The TEK4 is powered via PoE (Power over Ethernet) through its LAN connection for simplified installation.

The TEK4's TekSecurity port provides real-time anti-theft protection for a display or projector, and the OCC port interfaces with 24V occupancy sensors for occupancy-based system automation. It is fully compatible with all TEKVOX configuration, programming, remote monitoring, and enterprise management tools, and will operate seamlessly in place of any previous generation of TekMonitor.

Features:

- Powered via PoE on LAN connection for simplified installation
- Supports TekSecurity anti-theft protection for a display or projector
- Powerful NXP i.MX ARM processor for open, scalable performance
- Javascript and Lua scripting capability
- General-purpose USB 2.0 OTG port for flexible interfacing with other devices



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70006 Technical Specifications

Ethernet Interface (LAN)	RJ45, Female
Data Rate	10/100Base-T, half-full duplex with auto-negotiation
TekSecurity (COM1)	RS232 (RJ12, Female)
RS232 Interfaces (COM3 & COM2) Flexible I/O Interface (I/O)	10-pin Phoenix terminal block, Female
Occupancy Sensor Interface (OCC)	3-pin Phoenix terminal block, Female
USB Port	USB 2.0 Mini-B, Female, OTG
Processor	NXP iMX6ULL, single Cortex-A7 core SoC @ 900 MHz
Memory	512 NB 400 MHz DDR3 Memory
Storage	8 GB eMMC Storage
Operating System	Embedded Linux operating system with Javascript support
Scripting Support	C# via .Net 8 Core, Nodejs, Lua
Power Supply	Power Over Ethernet (PoE) via LAN (PoE)
Temperature	32 ~ 122°F (0 ~ 50°C)
Enclosure Type	Aluminum
Product Dimensions	6.9" (176mm) x 3" (76mm) x 1" (25.4mm)
Product Weight	0.36 lbs. (162 g)
Compliances	FCC Class B, Canadian ICES-003, CE

Specifications are subject to change without notice

