VCORE™

Show Controller
Model VCORE

Achieve greater performance and reliability of your system with VCore in control. VCore is a sleek yet powerful controller. This compact device can be programmed quickly to command any kiosk, exhibit area, or subsystem.

FEATURES:

▸ Easy Timeline Programming
▸ Recommended for up to 10 Devices
▸ Simple Touch Integration
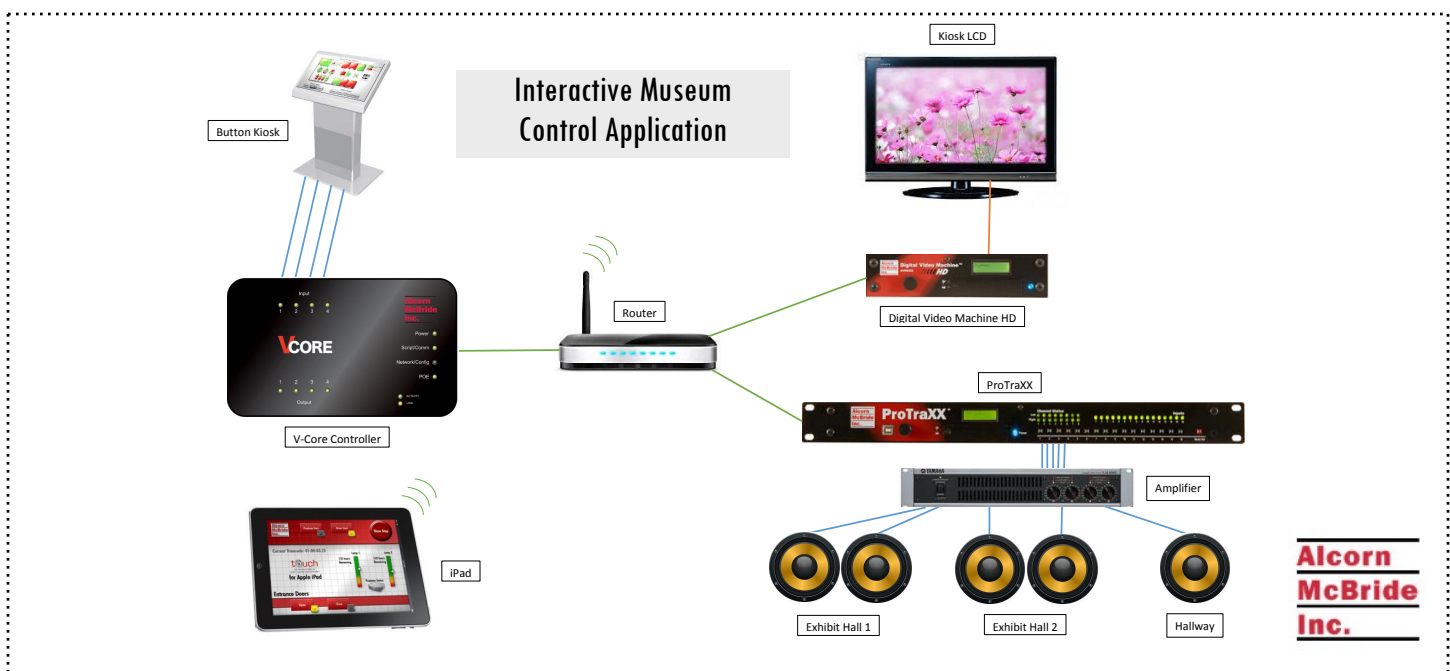▸ Ethernet Control w/ POE
▸ Real-time Clock
▸ DIN Rail Mountable

APPLICATIONS:

▸ Museum Exhibits
▸ Kiosks
▸ Retail Store
▸ Subsystems
▸ Simulation Environments
▸ Tour Vehicles

Systems of all sizes need a robust controller to maximize efficiency. VCore can control up to ten devices and provides the same rock solid performance synonymous with the Alcorn McBride brand. VCore's form factor is unlike anything on the market. Weighing only three pounds, the sleek looking VCore is compact yet contains many of the high level features of the larger V Series controllers: Ethernet, real-time clock scheduler, incoming message processing, online programming interface, touch panel integration, and much more.

Program VCore with Timeline in minutes. Timeline offers a flexible way to program events and supports hundreds of time-based and event-based sequences and hundreds of timelines. This product also works seamlessly with Touch software to create customizable user interfaces. Touch software runs on ShowTouch hardware, available in 7", 10", and 17" models, or any iOS device.
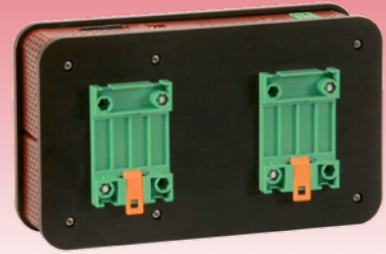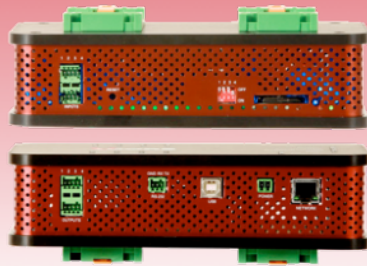
Put VCore in command of your system for solid, reliable, superior control that will outlast the life of its application.

Interactive Museum Control Application

Kiosk LCD

Button Kiosk

Router

Digital Video Machine HD

ProTraXX

V-Core Controller

Amplifier

iPad

Exhibit Hall 1

Exhibit Hall 2

Hallway

Alcorn McBride Inc.

VCORE ™

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PRODUCT SPECIFICATIONS

Front:	Power LED
	Script Status LED (SD read, external device status)
	IP/Configuration LED (DHCP, valid IP; other config)
	Power-over-Ethernet (POE) LED
	(2) Ethernet Status LED's (Link, Activity)
	(4) Input Status LEDs
	(4) Output Status LEDs
Rear:	Mounting for standard 35mm Din Rail
Side Panel(s):	USB 2.0 Type B (Programming Port)
	RJ-45 (Ethernet)
	4 Position DIP Switch: DHCP, CC/Voltage, Settings Reset, Backlight on/off
	Removable SD Card for Script Storage (currently 4GB)
	(1) Serial Port 3 pin phoenix style
Serial Port:	(1) RS-232C; 300 baud - 115.2 Kbaud, 7, 8, or 9 Data Bits, 1 or 2 Stop Bits, All parity types
Network:	(1)10/100 Base-T Ethernet
	Supports hundreds of networked device protocols
	UDP
	Ethernet IP Client, native CIP
	TCP Client, TCP Server, ModBus TCP
	HTTP; Custom web pages, FTP server
	DHCP, NTP, SMTP Client
	Compatible with ShowTouch 7", 10", 17", and ShowTouch for iOS
Digital Inputs:	(4); Input voltage range 5-24 VDC, 5 mA maximum
	Hardware protected against misconfiguration
	Trigger latency < 1 frame
Relay Outputs:	(4); Contact closures limited internally to 900 mA
	Self-restoring polymer fuses
Size:	8" W x 4.75" H x 2" D (20.32 cm W x 12.07 cm H x 5.08 cm D), 2RU
Operating Temperature:	0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity
Weight:	3 lbs. (1.4 Kg)
Operating Environment:	0-90% relative humidity, non-condensing
Power Options:	Power-over-Ethernet (POE) capable; or AC Adapter
AC Adapter Included:	100 to 250 VAC, 50 to 60 Hz, 20W maximum (CE, UL, CSA, CCC, WEEE, RoHS Compliant)

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Specifications subject to change without notice.