



West-Call® EV-32

The Endeavor Central consists of one to four micro controller-based I/O boards and power supplies. One Endeavor I/O board supports up to 32 ports. Up to 127 I/O boards may be networked together, expanding the system to 4,064 ports. Each I/O board can support seven flash rates, eight duty station ports, and has one relay output. All boards can be field programmable and communicate using RS-485. The Endeavor Central is for use with the West-Call® Endeavor and can be configured as a Tone/Visual or Audio/Visual Nurse Call System.

- ▶ Up to four EV-I/O boards per central
- ▶ Connect up to 127 I/O boards per system
- ▶ 32 ports per I/O board
- ▶ 4,064 ports available in a fully expanded system
- ▶ Seven flash rates
- ▶ One relay output per I/O board
- ▶ Eight duty station ports available per I/O board

DESCRIPTION	MODEL NO.
West-Call® Endeavor Central with one I/O board and one power supply	EV-32
West-Call® Endeavor Central with two I/O boards and two power supplies	EV-64
West-Call® Endeavor Central with three I/O boards and three power supplies	EV-96
West-Call® Endeavor Central with four I/O boards and four power supplies	EV-128
West-Call® Endeavor Central with more than four I/O boards	CALL

OPTIONS

High performance controller. Networks up to 16 EV-I/O boards and synchronizes flash rates	CNTR-1
West-Call® Endeavor Configurator Kit. Used to program the I/O ports	EV-Config
EV-Port	EV-I/O Custom Configuration
Endeavor Master Station	EV NMS
Surface mount cabinet with door for the EV-96, and 128	TC-3624/6 and TCD-3624/S
Flush mount cabinet with door for the EV-96, and 128	TC-3624/6 and TCD-3624/F
Surface mount cabinet with door for the EV-32, and 64	TC-1822/6 and TCD-1822/S
Flush mount cabinet with door for the EV-32, and 64	TC-1822/6and TCD-1822/F

Operating Voltage	28 VDC
Power Consumption	2 watt
Mounting Cabinet for the EV-32, 64	18"H x 22"W x 6"D, electrical enclosure or equivalent. Flush or surface mount available
Mounting Cabinet for the EV-96, 128	36"H x 24"W x 6"D, electrical enclosure or equivalent. Flush or surface mount available
Termination	Device identity lines terminate to mass termination connectors on I/O board. Mating connectors are Panduit CD100F22-6 connectors
Processor	PIC16F876



View West-Com's complete West-Call® line of healthcare communications solutions at www.westcall.com

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