Honeywell
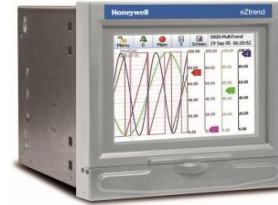
Trendview eZtrend Recorder

Model Selection Guide

The eZtrend represents the latest in data acquisition and recording. Standard features include Active Matrix TFT display, Ethernet communications, USB port, touch screen interface for easy configuration and navigation, NEMA 3 front face plus a wide selection of optional features to handle most data acquisition applications.

Instructions

Make the desired selections from Option Tables using the column below the arrow.
A dot (•) denotes unrestricted availability. Restrictions follow Table VII.

Key Number	I	II	III	IV	V	VI	VII
_ _ _ _ _ _	_ _	_ _ _	_ _	_	_ _	_ _ _ _ _ _	_ _ _

KEY NUMBER		Selection	Availability
eZtrend GR Advanced Graphics Recorder with TFT Display and Touch Screen Interface		TVEZGR	↓

TABLE I - ANALOG INPUTS/EXPANSION CARD

			Selection	Availability
Analog Inputs	Three Analog Inputs (Analogs 1 - 3)	**(Note 1)**	3 _	•
	Six Analog Inputs (Analogs 1 - 6)	**(Note 1)**	6 _	•
Expansion Card	None		_ 0	•
	Expansion Board for Table II Option Cards	**(Note 2)**	_ 1	•

TABLE II - Hardware Options

			Selection	Availability
Analog Inputs	None		0 _ _	•
	Six Additional Analog Inputs (Analogs 9 - 14)	**(Note 3)**	6 _ _	c
Discrete Inputs/ Outputs	None		_ 0 _	•
	Four Relay Outputs		_ 1 _	c
	8 Relay/2 Digital Inputs-6 Fixed Outputs/2 Configurable DI/DO	**(Note 4)**	_ 2 _	c
	8 Configurable Digital Inputs/Discrete 24V Outputs	**(Note 5)**	_ 3 _	c
Future	None		_ _ 0	•

TABLE III - POWER

			Selection	Availability
Power	90 - 240 VAC with IEC Power Plug		1 _	•
	90 - 240 VAC with US Power Cord		2 _	•
	90 - 240 VAC with IEC Power Plug/Transmitter Power		3 _	•
	90 - 240 VAC with US Power Cord/Transmitter Power		4 _	•
	24VDC Instrument Power	**(Note 6)**	5 _	•
Input Frequency Filter Value	50 Hz	**(Note 7)**	_ 1	•
	60 Hz	**(Note 7)**	_ 2	•

TABLE IV - INTERNAL MEMORY FOR DISPLAY/DATA STORAGE

		Selection	Availability
Memory Card	1Gbyte Internal Memory	0	•
	2Gbytes Internal Memory	1	•
	1Gb Internal Memory + 8GB Front SD Card	3	•
	2Gb Internal Memory + 8GB Front SD Card	4	•

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TABLE V - FIRMWARE CREDITS/OPTIONS

		Selection	Availability
Security/Firmware Credits	Standard Passwords	0 _ _	•
	ESS (Permanent Password Capability)	S _ _	•
	None	_ 0 _	•
	Five Credits	_ F _	•
	Ten Credits	_ 1 _	•
	Twenty Credits	_ 2 _	•
	Thirty Credits	_ 3 _	•
	Forty Credits	_ 4 _	•
	Fifty Credits	_ 5 _	•
	Sixty Credits	_ 6 _	•
	Seventy Five Credits	_ 7 _	•
	Ninety Nine Credits	_ 9 _	•
Future	None	_ _ 0	•

CREDITS - Decide what functions are needed and select that many total "Credits" when ordering firmware options.
For Example: If Math, Events and Totals are needed for the application, sum the values for each function listed below to
determine the number of credits to purchase. Additional credits are available if needed using the Upgrade Procedure
Credits can be selected/deselected and used interchangeably as long as the total credits purchased is not exceeded.
Maximum number of credits required to enable all functions is 69 credits.

VALUE	FUNCTION		VALUE	FUNCTION		VALUE	FUNCTION	
2	Health/Maintenance		3	Counters		5	AMS2750 Process Mode	(Note 17)
2	Print Function (USB)	(Note 8)	3	Secure Comm (https)	(Note 20)	5	Password Net Sync	
2	Extra Pens	(Note 9)	4	Media option	(Note 20)	6	Events	(Note 15)
2	Config Lock out		4	Totals		6	FF Math & Scripts	
3	Remote Viewing		4	Full Maths		8	OPC Server Interface	(Note 18)
3	Reports		5	Batch		10	Modbus Master	(Note 16)
3	e-mail							

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TABLE VI - OPTIONS

		Selection	Availability
Case/Mounting (Note 12)	Standard Panel Mounting	0 _ _ _ _ _	•
	Standard Panel Mounting with Rear cover	R _ _ _ _ _	•
Documentation Manuals (Note 14)	Product Information on CD with TrendViewer	_ 0 _ _ _ _	•
	English Manual & Language Prompts with TrendViewer	_ U _ _ _ _	•
	French Language Prompts Manual with TrendViewer	_ F _ _ _ _	•
	German Language Prompts Manual with TrendViewer	_ G _ _ _ _	•
Tagging	None	_ _ 0 _ _ _	•
	Stainless Steel Tag	_ _ S _ _ _	•
	1 Year Extended Warranty and GTS Support	_ _ 1 _ _ _	•
	2 Year Extended Warranty and GTS Support	_ _ 2 _ _ _	•
	1 Year Extended Warranty and GTS Support and SS Tag (Note 10)	_ _ T _ _ _	•
	2 Year Extended Warranty and GTS Support and SS Tag (Note 10)	_ _ U _ _ _	•
Standards	CE Mark/IP55/NEMA 3	_ _ _ 0 _ _	•
	CE Mark/IP66/NEMA 4X	_ _ _ 1 _ _	•
	CE Mark, cCSAus Approval/IP66/NEMA 4X	_ _ _ 3 _ _	•
Certificates	None	_ _ _ _ 0 _	•
	Certificate of Conformance (F3391)	_ _ _ _ B _	•
	Custom Calibration Test Report (F3399) (Note 11)	_ _ _ _ C _	•
	Certificate of Conformance & Calib. Test Report (Note 11)	_ _ _ _ E _	•
Software (Note 13)	None	_ _ _ _ _ 0	•
	Trend Manager Pro (Single User License)	_ _ _ _ _ P	•
	Trend Server Pro (Single User License)	_ _ _ _ _ S	•
	Trend Server Pro with OPC capability (Single User License)	_ _ _ _ _ T	•

TABLE VII

Factory Use Only	Grey Color Bezel, Standard Honeywell labeling	000	•
	Black Color Bezel, Standard Honeywell labeling	014	•

RESTRICTIONS

Restriction Letter	Available Only With			Not Available With	
	Table	Selection	Table	Selection	
c	I	_ 1			

Notes:

1. Standard inputs include T/C, mV, V, mA, Ohms and RTD actuations.
2. This option is required when ordering any hardware option in Table II, in case of future hardware upgrades, the Expansion Board for these options can be added using P/N 50012927-501.
3. Analog input card supports T/C, mV, V, mA, Ohms & RTD actuations. These inputs provide enhanced input isolation.
4. Relay Outputs are high level outputs (240VAC/3 Amp non inductive loads).
5. Discrete Outputs are low level outputs (24VDC/1 Amp non inductive loads). Any channel on the 8 Discrete I/O Card can be used as a Digital Input if <u>not</u> used as an Alarm Output. Up to 4 channels can be used as a Pulse Input up to 1KHz.
6. For 24V Instrument Power, the Input Filter Frequency Noise Rejection can be ordered set for either 50 or 60 Hz
7. Factory set to this frequency but configurable in the set up menu to the other frequency setting
8. The Print function can print screens from the Recorder to a PCL type printer.
9. 4 Extra Pens per 2 Credits; Maximum number of Extra Pens available is 12. the Modbus protocol without needing the full complement of analog inputs. Using all the virtual pens with many complicated maths and other functions can affect the overall performance of the recorder.
10. Customer must supply tagging information, Up to 3 lines of 22 characters each are allowed
11. Calibration Test Reports/Certificates require specific Range and Input Actuation data from the customer. Form F3399 Supplemental Data must be completed. This can be downloaded from the www.honeywellprocess.com
12. Portable Case, Rear Cover and Carrying Handle Options can be ordered separately (see Accessories price page)
13. Software Packages can be ordered separately (see Accessories price page)
14. The recorder supports local language prompts for the following languages: English, French, German, Italian, Spanish, Brazilian, Polish, Hungarian, Slovakian, Czech, Turkish, Romanian, Russian, Portuguese, Greek, Bulgarian, Chinese, Korean and Japanese prompts.
15. The events currently include: Into, Out of and Alarm Ack, Start, Stop, Reset, Reset and Start Totals, Digital Input ON/OFF/State Change, Scheduled-Once/Intervall/Specific Days/Month End, User Counters, Reset Max/Mins, Emails, Screen Change, Print Screen, Counters-Reset/Increment, Chart Control-Pause/Stop/Resume/Clear/Prefill, Clear All Messages, T/C Burnout, Mark Chart, Start/Stop Logging, Digital Output ON/OFF, System-Power ON, Setup Change, Internal Memory Low, Export Memory Low, FTP Memory Low, User Action-Mark Chart, Batch-Start/Stop/Pause, Delayed Event, Script Timers - Start/Stop/Reset/Reset & Start, Play Sound-Start/Stop, Display Alert, Reports, TUS - Start/Stop, AMS2750 Timer - TC Timers/Process Timers, Update Tabular Readings.
16. To write Modbus Slave values to the pens using Modbus Master requires FF Math or Math Scripts to assign these values to a pen.
17. AMS2750 Process Mode credits allow the user to monitor T/C Usages, SAT Cal Due Date, TUS Due Date, Instrument Cal Due Date and Control T/C Due Date.
18. OPC Server function not available in eZtrend GR Recorder