



**Get a thrill! ...test drive  
a *NEW! smarty<sup>7</sup>* today!  
*Beats any PLC and IN STOCK!***



### ***Get to the Start Line!***

- get the savvy tools from: <https://driveweb.com/get-savvy/>
- from the Directory menu select "Create phantom device"
- select "drive.web Controller" + "dw240/241/250 smarty"
- pull down "dw250" - OK

- for the car keys, go to "Help" + "Getting started"
- climb into the driver's seat... hit the gas!
- leave the field behind!

**Please call or email with inquiries today!**  
**orders@bardac.com | +(410) 604-3400**

## **World Class Automation Controller**

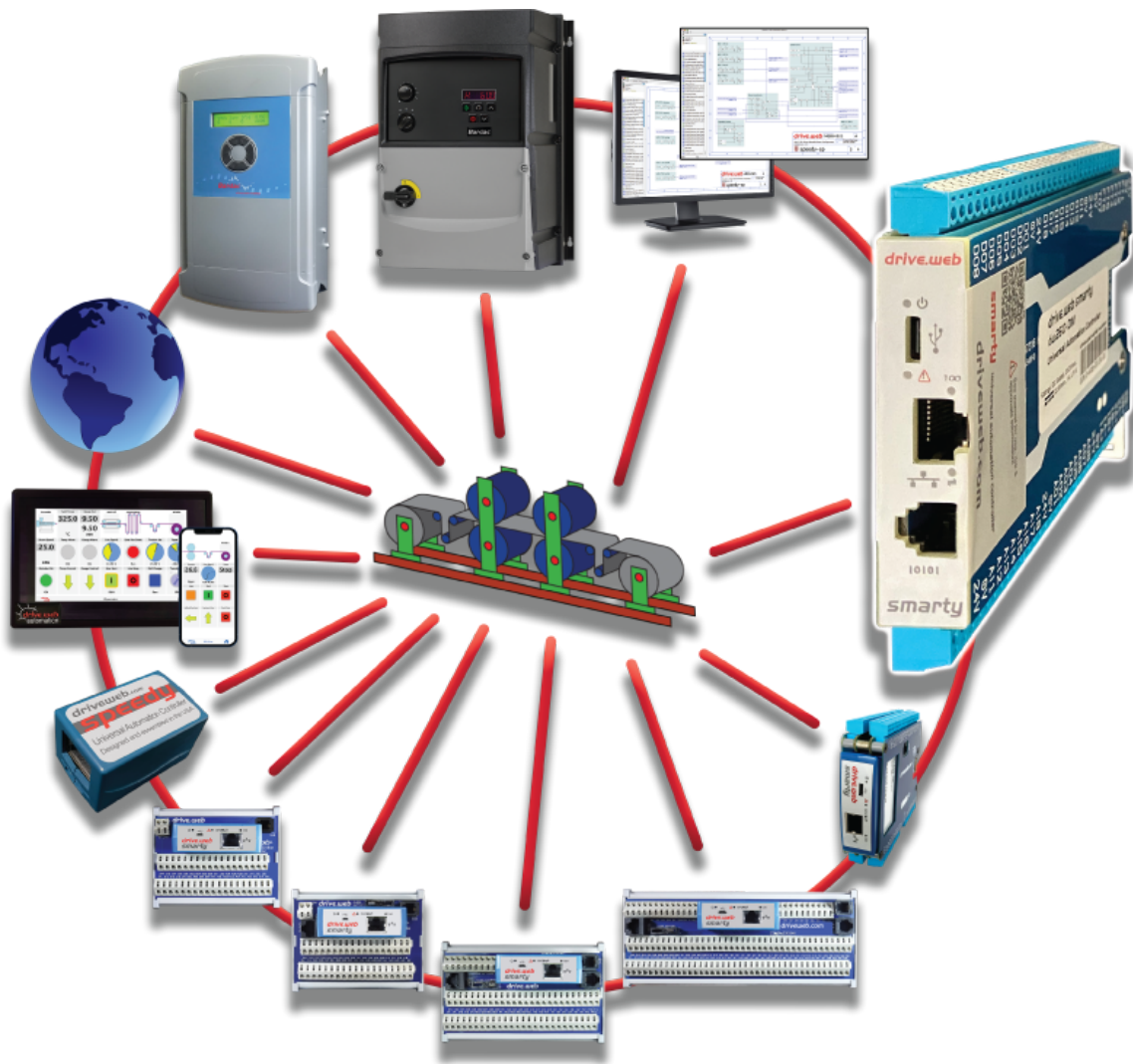
**~for all forms of industrial machine & process automation~**

**Very fast - full featured - precision i/o - compact**

- **Designed & assembled in the USA for the world... in Stock!**
- **smart distributed control for the IIoT**
- **peer-to-peer connections over Ethernet**
- **unlimited i/o expansion**
- **Internet accessible**
- **100% compatibility with all other drive.web devices**
- **savvy design, monitoring, and diagnostic tools**

## **Hold the track the way you want**

- **edge pack DIN - for high density installations**
- **flat pack DIN - for low profile mounting**



## Winning Performance

- performs complex motion control functions & logic in milliseconds
- encoder pulses up to 1 MHz with 64 bit count
- shares encoder pulses in real-time between units over Ethernet
- 60 plug-in terminals in 0.82" x 3.62" x 4.73" (21x91x120mm) for easy installation
- cost effective in systems of *any* size or complexity
- floating point or integer math
- clock time & date with SNTP server interface
- unlimited units in one homogenous environment
- **savvy** tools with trending, smart phone interface, drag & drop connections

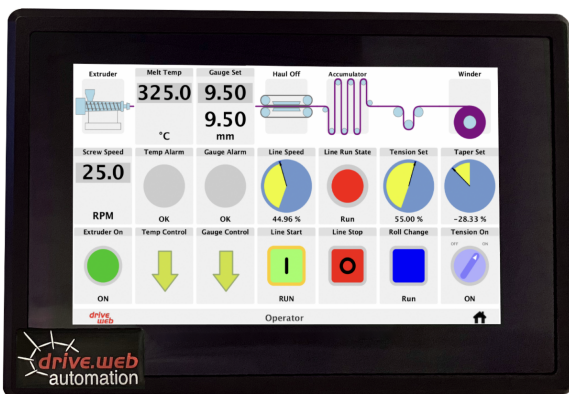


## Ethernet Distributed Automation Controller

- 100baseTX Ethernet with **drive.web** peer-to-peer networking
- USB-C port - provides system-wide access to all devices (e.g. drives, controllers, touch screens, etc.)
- Battery holder for real time clock

### Applications on Track

- basic switching to complex logic
- simple arithmetic to complex math
- winders, open/closed loop with smart tension control
- registration, indexing, electronic line shaft over Ethernet
- advanced motion and position control
- smart pumping and air flow functions
- sun tracking for solar energy optimization
- material handling, batch, and counting functions



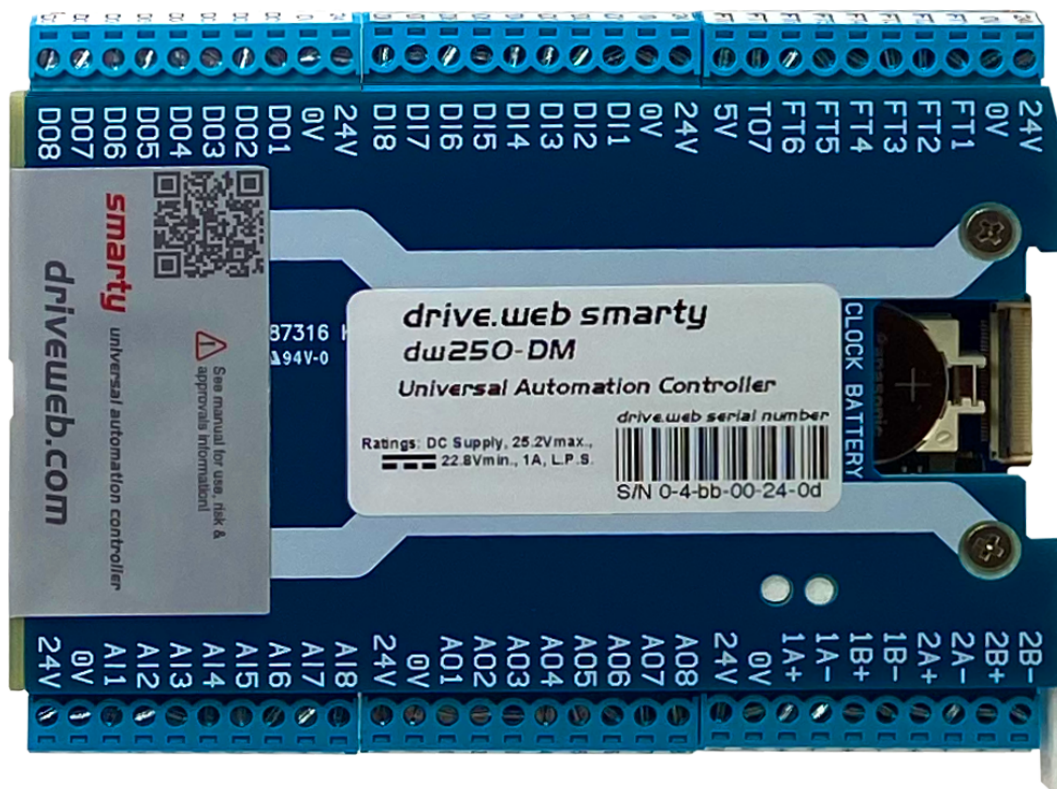
dw230 - **savvyPanel Touchscreen**



dw230 with dwOPTION-54

## The standard DM build includes:

- 8, Analog Inputs:  $\pm 10V$  (16 bits) analog in, or 5/24 VDC digital in
- 8, Analog Outputs:  $\pm 10VDC$ , 10mA
- 8, Digital Inputs: 24VDC
- 8, Digital Outputs: 24VDC
- 6, Fast I/O: digital inputs (100Khz) or stepper/digital out (500Khz)
- 1, Fast timing/stepper/frequency output: 30 VDC 100Khz
- 2, Encoder inputs: Quadrature A/B (or 1, ABZ), 5/24V, 1 Mhz
- ModbusRTU client port (RS485) (server optional)
- ModbusTCP/IP client and server (Ethernet)
- EIP/PCCC (Ethernet)
- Accelerometer, barometer, thermometer, hygrometer
- Advanced Process Control Library
- Winder & Web Tension Control Library
- Advanced Math Library
- **savvyPanel** touch screen controller
- Solar Position Library
- Advanced Motion Library



# Your **Bardac** and **drive.web** favorites, now online:

## AC Vector Drives

- P2 Series AC drives ship standard with conformal coating
- Safe Torque Off
- IP20, NEMA 12, and NEMA 4X
- 230, 460, and 575VAC models
- Ratings through 400HP
- Solar version available with MPPT tracking
- Bright TFT display
- **drive.web** peer-to-peer Ethernet connectivity for real time communication between drives
- Please consult Bardac for availability



## AC Sensorless Vector Drives

- E3 Series drives are available in an outdoor rated NEMA 4X package through 30HP
- IP20 ratings through 50HP
- Single Phase in and Single Phase out
- 115, 230, and 460VAC models
- Reverse PID for solar applications
- **drive.web** peer-to-peer Ethernet connectivity for real time communication between drives
- Please consult Bardac for availability





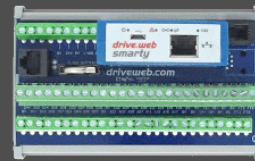
## DC Drives

- Complete range of regenerative and non-regenerative DC drives, single and three phase input, with wide ranging current and voltage ratings.
- Available with fuses and contactors built in
- Up to 2000HP available for same day shipment
- **drive.web** peer-to-peer Ethernet connectivity for real time communication between drives
- **IN STOCK!**

## **drive.web** Automation Controllers with I/O

- High resolution analog I/O
- Ample digital I/O
- Frequency inputs (100kHz)
- Encoder inputs (500kHz)
- Pulse outputs (1MHz)
- Multiple motion control functions built into a DIN rail mounted package
- **IN STOCK!**

**smarty<sup>3</sup>**



**smarty<sup>4</sup>**





**drive.web Touch Screen Operator Stations**

- Plug and play, drive.web native
- NEMA 4 (IP65) splash-proof front
- IP20 rear
- Easy set up, competitively priced
- Crisp, high visibility graphics
- 1 Ethernet port 10/100baseTX
- Power supply 24VDC
- Working temp: -4 to 158F
- 5, 7, and 9.7" touch screens available
- **IN STOCK!**

and so much more!

Catalog items are typically ***IN STOCK***  
 and ready to ship same day  
 (for orders placed before 4pm EST)!

Please call to confirm availability.



Please click the icon above to download **savvy** for desktop or  
 below for **savvyPanel** on the iOS/Android app stores  
 (respectively)

**iOS**

**Android**





[Need help with a project, click here!](#)

**bardac.com | driveweb.com**

**AutomationThings.com**

**+(410) 604-3400 | 1 (888) 667-7333**

