

Product identity, **savvyPanel touch**, model **dw260**

savvyPanel touch is an industrial touch screen interface for use in **drive.web** distributed control systems. **savvyPanel** pages, layouts, and security features are configured in Ethernet-connected **drive.web speedy** or **smarty** devices. To configure a **savvyPanel touch**, **smarty** or **speedy**, you must get the **savvy** software tools from www.driveweb.com. Please see page 4.

To find the specific model and firmware version, launch **savvy** and choose **Get Detailed Info** from the **savvyPanel touch** contextual menu.

savvyPanel touch Specification

Model	Size	Resolution	Brightness	Touch
dw260	7"	800x480	250 cd/m ²	10 point Capacitive

- **drive.web** distributed process control and **savvyPanel** display technology.
- 10/100/1000Base-T(X) Ethernet, page 3.
- Update firmware with **savvy** software.
- Ingress protection IP65 in front of twin panel seals. IP20 behind. Details on next page.
- Configure basic security passwords, panel-specific home password, IP addresses, discovery filters, and more using free **drive.web savvy** software.

savvyPanel Technology Overview

- **dw260 savvyPanel touch** displays systems and pages that are configured in **drive.web smarty**® and **speedy**® controllers. Please see the product manual for that device for details. Product manuals may be found on the web at <http://driveweb.com/tech/update.php>
- **drive.web** devices must have **dwOPTION-26** installed to display the complete suite of tiles. A limited set of tiles is available without this software option. Software options may be added any time. See product manual for details.
- Discovery of **drive.web** devices is controlled by the network configuration, **dw260 savvyPanel touch** setup, and passwords.
- Control **dw260 savvyPanel touch** network setup, discovery and launch options, and passwords with **savvy** software. See the **savvyPanel touch User Guide** that is available in **Appendix B** of the **savvy User Manual**. Open the **savvy User Manual** from the **Help** menu or on the web at <http://driveweb.com/support/manuals/driveweb/en.html>.

dw260 Panel Mounting, Dimensions

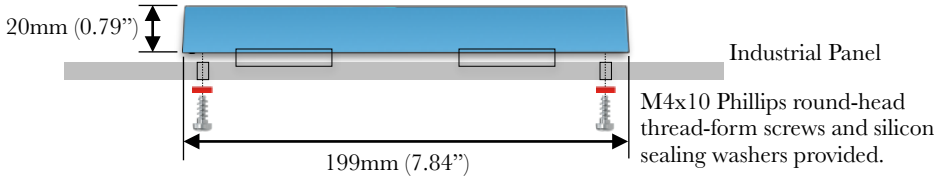
Drill and de-bur four holes, 4.5mm (0.18") to 4.8mm (0.19") for panel-mounting screws.

Provide two circular punch-outs, 32mm (1.25") diameter; in an industrial panel, 3mm (1/8") thick, max. Contact us for use with thicker panels.

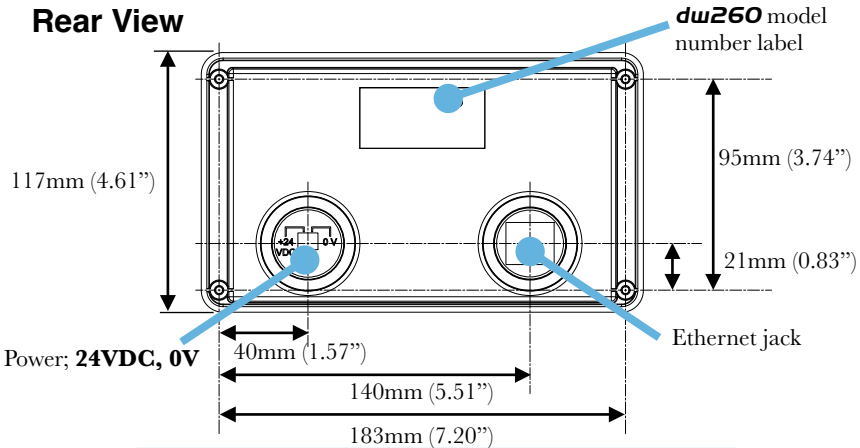
Ensure that the finished openings and surrounding areas are flat, 1mm (0.04") maximum deviation.

Place silicon sealing washers on screws and tighten screws, 0.25 Nm (2.2 in·lbs).

Top View



Rear View



See drilling template drawing, HJ504697, included in carton.

dw260 Installation

Power: Regulated 24VDC, 25.2VDC max., 6W. Do not connect to a distributed DC power network. External 1A fast-acting fuse or 1A current-limiting is required!
Connect to **+24VDC** and **0V** on the pluggable terminal block.

Terminal wiring: Strip 5mm(0.20") or use ferrules.
0.2mm² (AWG24) min, 1.5mm² (AWG14) bare wire max.

Terminal tightening torque: 0.25 Nm (2.2 in·lbs) max.

Environment: IP65 in front of the two panel gaskets.



Warning! This product is a touch sensitive screen that is activated by any object contacting the touch sensitive surface. It is essential that you prevent falling objects, splashing liquids, moisture or contaminants from touching the screen as they may activate the touch functions and cause unexpected, dangerous, conditions to occur.
IP20 inside panel environment, UL/IEC Pollution Degree 2, Humidity 95% max. non-condensing.
Temperature, Operating and storage, 0°C to 50°C.
Altitude 3000m max.

dw260 Installation continued...

Ethernet: MDI 8P8C, “RJ45” jack, 100baseTX, 10BaseT, Full Duplex, Auto-Negotiation, Auto-MDIX, IEEE 802.3ab.

100 Green LED indicates 100BaseTX Ethernet connection.

Link / Activity Yellow LED. On for Link, flash for activity

drive.web Ethernet networking & programming



Before proceeding, it is important to have a basic understanding of Ethernet TCP/IP networks. Creating an invalid or duplicate IP address will cause serious network malfunctions!



- Find useful networking information. Under the **Help** menu click on **Getting Started with savvy**.
- **savvyPanel touch** is shipped with an IP address, 10.189.x.x, derived from the serial number. The six-octet serial number always starts with 0-4-bb-x. The last two octets are used to assign the as-shipped IP address; Example, if the serial number is 0-4-bb-00-1a-2b, 1a is converted from hexadecimal to decimal, 26. 2b, similarly, is 43, decimal. The as-shipped address is 10.189.26.43.
- Typically, **savvyPanel touch** must be on the same subnetwork as the **drive.web** devices that it interfaces with. Contact us (page 8), or your company’s IT department for assistance with more complex network routing requirements.

Ethernet Network Requirements

- A standard *Category 5e* cable with 8P8C/RJ-45 connectors on both ends for each **drive.web** device and the host computer.
- An Ethernet switch with ports for all **drive.web** devices and your computer.

New to **drive.web** ?




- We strongly recommend attending our free on-line training seminars. To register and get your invitation, call or e-mail training@driveweb.com.
- Before proceeding with your systems designs it is very important to familiarize yourself with **savvy**, the configuration software.
- We strongly recommend you read the **User Manual** and **Getting Started Guides** under the **Help** menu.
- Use **Create Phantom** in the **Directory** menu to practice, explore all **drive.web** products and options and design and configure off-line. Design systems in Phantom devices and **Export Data** under the **Directory** menu for later use in live devices. **Import Data** into phantoms to work off-line.

Set up **savvyPanel touch** with free **savvy** software

- To download the latest version of **savvy**, go to www.driveweb.com and click on **get savvy**.
- If you do not have internet access, install **savvy** from the **Bardac Infodisk**. Browse to the **savvy** link, off-line installation. Contact us for the files or **Infodisk**.



savvyPanel Tiles

Parameter Tiles Touch a settable parameter to see its **savvyPanel Setter**. Select between two setter styles with the  button. Return to previous setting, . Return to default, . Hold down the increment or decrement buttons for faster changes.

- A parameter is settable if it is not read-only and has no incoming **drive.web** connection.

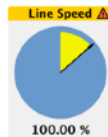
Meter Digital panel meter, dial, or bar meter. Unipolar, bipolar, full-scale, and percent choices.

Indicator Variety of colors. Shows on/off, true/false boolean state. All non-zero values are true.

Pushbutton Momentary actuators in a variety of colors, also lighted **Start/Stop**.

Multi-position Switch For enumerated parameters.




- Operator's note: If communication with a **drive.web** device is interrupted, affected tiles show a yellow bar at top with exclamation warning. The displayed value is not updated.

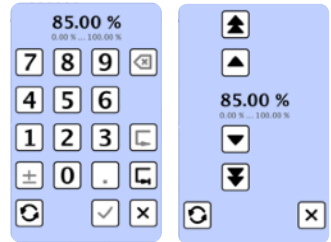


Graphic Tiles Create diagrams with various process elements.

Page-Link Tiles A graphic tile that is also a page-link. Touch to change the view to that page.

drive.web button is located at bottom-left.

- Touch the drive.web button, , to view description, model number, firmware version, contact information. Also find the display-sleep and display-recovery buttons.
- Touch the display-sleep button, , to turn off the backlight and run display-recovery background. Touch the screen to resume normal operation.
- Touch the display-recovery button, , to mitigate problems from screen burn-in. The display will show solid colors that alternate every 2s. Touch the screen to resume normal operation.



drive.web Product Line Highlights

Drive-dedicated **smarty** and **speedy** models:

Supported Drive	smarty Models	speedy Models
Generic	dw240 dw250	dw220 dw270
PL/X Digital DC Drive	None	dw221 dw271
Bardac P2	dw244 dw254	dw224 dw274
Bardac E3	dw248 dw258	dw228 dw278
Generic CANopen Master	dw249 dw259	dw229 dw279

smarty DIN rail **drive.web** controller.

- Sixty I/O terminals plus dual serial ports.
- Hardware options; precision millivolt, high-voltage, extra digital I/O.
- Motion control, line-shaft, registration, servo, stepper controls.
- RTD, thermocouple with cold-junction compensation CJC, load cell, and tension transducer dedicated function blocks.

speedy ultra-miniature **drive.web** controller.

- Standard models with permanent-bond mounting.
- Drive-dedicated models with 7" lead and specified connector fitted.
- Dual serial ports; CANopen and ModbusRTU.
- **PLIX** digital DC drive versions install in expansion slot.
- DIN rail mount option, specify **dwOption-50**.

savvy-SFD Signal Flow Diagram upgrade. Required for building or editing **savvyPanel** tile layouts.

savvyPanel operator touch station app for for iOS, Apple mobile operating systems.

drive.web products are designed & assembled in the **U.S.A.**

Get **drive.web** help. Call or Email techsupport@driveweb.com

drive.web training courses

Free online interactive training seminars take about one hour.

Specialized online and factory training sessions are also available.

To register email training@driveweb.com or call.

<https://driveweb.com/dw260-QR>



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