

# ACCUNET WEB GUIDE CONTROLLER

## Superior speed & advanced technology in a compact web guide controller.

The AccuNET offers both versatility and reliability in a small package. Easily integrated with industry standard networks, the AccuNET is readily compatible with AccuWeb's dynamically compensated WideArray™ and PointSource™ edge detectors as well as WideArray 2.0™ and CLS Pro 600.



- **24V DC Operation** – The AccuNET controller is easy to integrate into existing converting lines or control panels.
- **Symmetrical Edge Processing** – Paralled processing with 2 PointSource or WideArray edge detectors.
- **DualEdge™ Guiding** – Capable of centerline guiding webs up to 18" wide using a single WideArray edge detector.
- **Backwards Compatibility** – Compatible with all existing PointSource and WideArray edge detectors.
- **WideArray 2.0™ and CLS Pro Compatible** – Seamless plug and play compatibility.
- **Faster Response** – 32 Bit processing plus fast closed loop for better performance.
- **Built In Discrete I/O** – Standard feature for easy integration.
- **Operator Friendly** – Intuitive operator interface with 5" color touch screen.
- **Network Friendly** – Integrated fieldbus easily interfaces with most popular fieldbus networks, including Ethernet IP, ProfiNET, EtherCAT and, Modbus TCP.
- **Upgrade Friendly** – Add new features and increased speed to older systems.

## A Better Web Guide Controller Design from AccuWeb

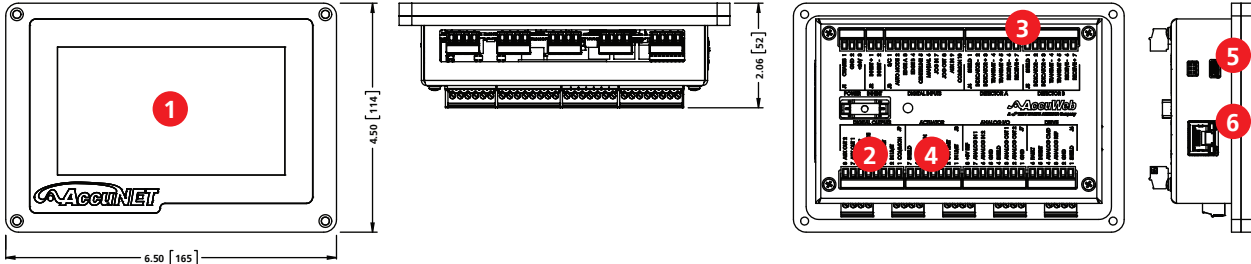
- Controls brushed or brushless motors.
- Optional communication protocols simplify interfacing with existing PLC control systems.
- Equipped with AccuWeb's DualEdge technology for centerline guiding with a single WideArray edge detector.
- 24V DC operation accepted globally.
- Capable of web oscillation, electronic guide point adjustment, web width measurement, and web position monitoring.
- Made in the USA by AccuWeb.

## Specifications

- **Input Voltage:** 24V DC
- **Enclosure Options:** 5.0" HMI touchscreen, Switchpad, DIN rail mounting
- **Interface Compatibility:** Standard EtherNet/IP, Optional ProfiNET, EtherCAT and, Modbus TCP
- **Temperature:** 30°F (0°C) – 125°F (52°C)
- **Options:** DualEdge Technology, Remote guide point adjust, Web width monitoring, Oscillation, Randomization, Chaser/Slave web guiding

*perfecting your performance*

# ACCUNET WEB GUIDE CONTROLLER



1 5" Touch Screen HTML 2 Digital I/O 3 PointSource/WideArray 4 AccuGuide Liner Actuator Connector 5 USB 6 ETHERNET

System Capabilities	EVO 150	MICRO 1000	MICRO 4000 NET	ACCUNET
Microprocessor-based	✓	✓	✓	✓
No calibration needed	✓	✓	✓	✓
8-button switchpad with Servo-center	✓	✓	✓	
Touch Screen HTML				✓
Class I, Div 1 environment capable			✓	✓
PWM drive	✓	✓	✓	✓
Adjustable Servo-gain control	✓	✓	✓	✓
Auto-recovery after power interruption	✓	✓	✓	✓
Optically-isolated inhibit function	✓		✓	✓
Optically-isolated fault indicator output		optional	✓	✓
Drives brushed DC motors	✓	✓	✓	✓
Drives brushless DC motors	✓		✓	✓
Compatible actuator maxi load weight	7,500 lbs.	5,000 lbs.	100,000 lbs.	100,000 lbs.
Dual Power				✓
<b>Edge/Line Detector Compatibility</b>				
WideArray® Edge Detectors	✓	✓	✓	✓
High-temperature edge detectors			✓	✓
AccuBeam® II digital line/edge guide	✓	✓	✓	
CLS Pro 600				✓
WideArray 2.0™				✓
<b>Network Compatibility</b>				
Analog signal inputs, signal outputs			✓	✓
Discrete PLC I/O	optional	optional	✓	✓
ControlNET capable			✓	
DeviceNet capable			✓	
Modbus Plus capable			✓	
EtherNet/IP capable	✓		✓	✓
Profibus capable			✓	
PROFINET I/O capable	✓		✓	✓
Web Accessible	✓			
EtherCAT				✓
ProfINET				✓
<b>Web Guide Capabilities</b>				
DualEdge™ Technology	✓			✓
Web width monitoring	optional		optional	✓
Oscillation at a static rate	optional	optional	optional	✓
Oscillation rate based on line speed	optional		optional	✓
Web randomizer	optional	optional	optional	✓
Edge/Line loss detection	✓	✓	✓	✓
Remote guide point adjust	optional	optional	optional	optional

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## AccuWeb, Inc.

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