

# DD 2060 DIADE X - Series

## PROGRAMMABLE HMI INDICATOR/CONTROLLER WITH COLOUR TOUCHSCREEN



### SMART SUPPORT

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24 hours, 7 Days a week

# Take control. Power at a touch.

## The Future Starts Here DD2060 X Series

The DD2060 X-Series programmable indicator powered by  Windows 10 delivers uncompromising speed, programmability and performance for today's operations and ready for tomorrow's requirements. Available with multiple standard software applications and completely open for you to build your custom applications that are easily accomplished using standard PC software tools. Open your mind and unlock the endless possibilities.

### INDUSTRY READY

The DD2060 X-Series delivers groundbreaking solutions in connectivity, integrating operative systems with business management via LAN, WAN or the Cloud, removing all barriers between shop floor operations and back office data management. The innovative design combined with an industrial durable colour 12.1" touchscreen display enables users to be guided simply and quickly through any sequence of operation you require. Intuitive graphics, hot keys, voice control, VOIP and web cams can all be utilised to combine the control you always wished for into your operation.

### Built-in

Web Server  
@email Server  
Remote Diagnostics

Access customized operation screens from a web browser and setup automatic email server

SELECTED SCALE: A Monday, March 20, 2017 3:11 PM

Event logger

| Date                  | User | Operation                | Previous | Current |
|-----------------------|------|--------------------------|----------|---------|
| 8/15/2017 10:00:55 AM |      | Scale A - RACOR modified | 25       | 10      |
| 8/15/2017 10:00:58 AM |      | Scale A - RACOR modified | 30       | 4       |
| 8/15/2017 10:01:58 AM |      | Scale A - RACOR modified | 9        | 3.5     |
| 8/15/2017 8:06:24 AM  |      | Scale A - RACOR modified | ALYD     | 20K5AM  |
| 8/05/2017 1:05:04 PM  |      | Law modified             | 3        | 2       |
| 8/05/2017 2:03:52 PM  |      | Serial number modified   |          | 123456  |
| 8/05/2017 2:04:41 PM  |      | Serial number modified   |          | 123456  |



### MEETING YOUR NEEDS

The rugged and modular concept provides performance that will meet all your requirements for today, tomorrow and beyond, designed to grow as your business requirements change with hardware and software expansion.

- Desk, column or wall mount
- High resolution, transfective (sunlight viewing) twelve-inch resistive touch screen display
- Proven industrial-grade components
- Stainless steel weather proof enclosure with stainless steel weather hood as standard
- Integrated printer, readers and intercom
- Internal climate control system for the hottest and coldest environments



Desk Mount  
Wall Mount  
Column Mount options

### UNPARALLELED COMMUNICATION

With multiple channels of communication system, integration is a breeze.

- Standard Ethernet TCP/IP, Wi-Fi, mutiple USB, and RS-232/485
- Integrated web server allows realtime remote service monitoring via the Diade Diagnostics "Cloud" from any location in the world
- Integrated and configurable @email server sending transaction reports, error logging reports, statistics reports or PDF tickets to multiple recipients
- Direct control and communication over a LAN or WAN or Cloud network

### DESIGNED FOR TOMORROW

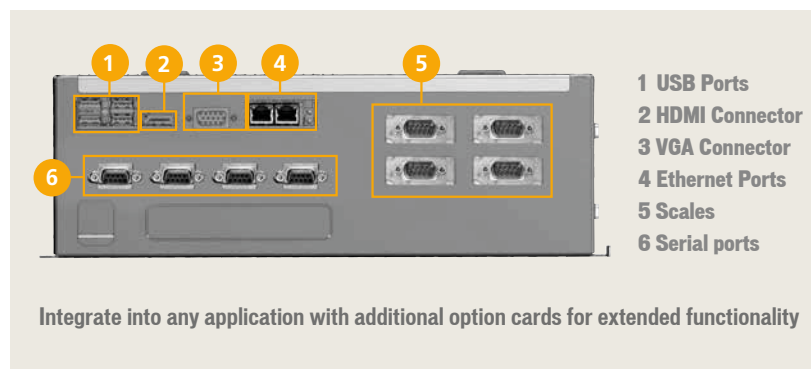
The DD2060 X-Series is the most advanced programmable terminal on the market today, allowing you to take control of your process today, planning for the future.

- Design and implement your graphical solution
- Able to power up to four digital or analogue scales
- Single or multi-range/interval weighing functions
- Programmable using standard Windows® languages, avoiding bespoke closed programming tools
- Unlimited programmability,
- Import existing Windows based applications
- Share databases on multiple terminals
- Exchange real time data with your ERP via the Cloud

### EXPANDS WITH YOUR REQUIREMENTS

The DD2060 X-Series gives unparalleled performance and power, taking the most difficult task and making it simple. With hardware features that provide all the requirements you should need as standard, you may never need to upgrade; however, the DD2060 X Series is easily expandable.

- Designed to handle multiple tasks with multiple input requests in real time
- Optional card slots for additional scale cards, serial ports, digital inputs and outputs, analog inputs and outputs, and protocol interfaces
- High speed microprocessors designed to optimise real time processing and performance make complex tasks fast and efficient



## CATEGORY

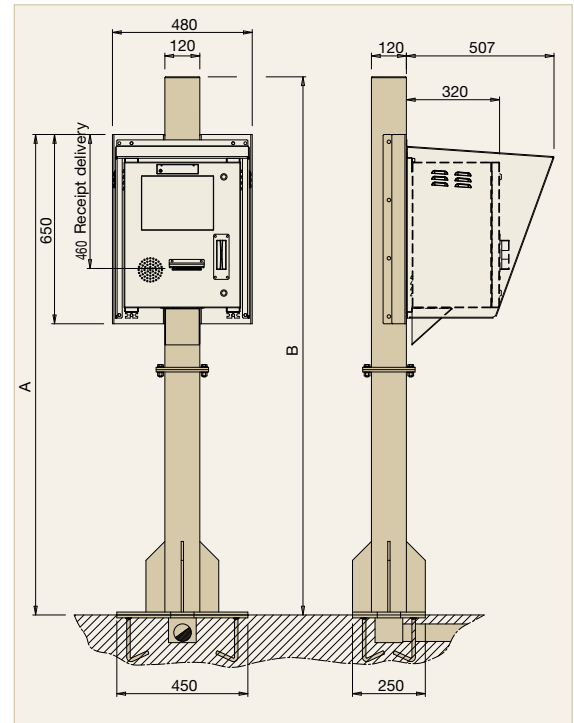
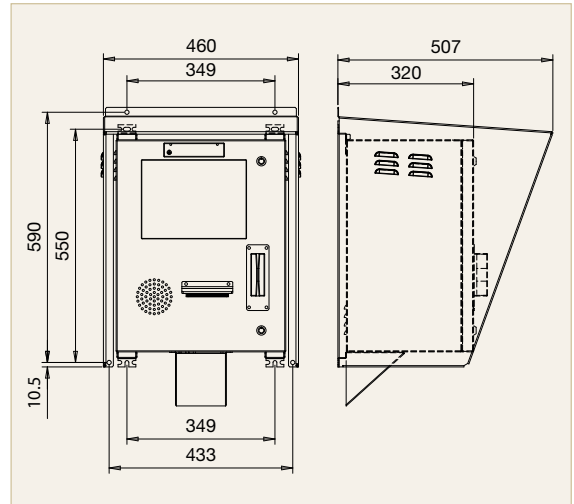


## STANDARD FEATURES

- Eight digital I/O for control and pulse count
- Up to 10 serial comm ports: rs232, rs422, rs485 (ESD protection: air gap  $\pm 15\text{kV}$ , contact  $\pm 8\text{kV}$ )
- Welmec 7.2 U approved weighing software components
- Customizable applications and easy standard Software development
- 12.1 inch Sun readable 800 x 600, graphical LCD display
- Four wire resistive/capacitive touchscreen
- Expandable setpoint configuration
- Stainless steel enclosure
- Supports a touch screen keyboard or USB external keyboard for data entry
- Up to 4 scale boards with sixteen 350ohm analog load cells each (twelve digital load cells each)
- Four or six wire load cells connectivity
- Multi range/interval weighing functions, sum scale, serial scale, internal scale, network scale
- Four USB ports, Ethernet port (10/100/1000 Mbps), second Ethernet port/wifi
- Multi language interface
- CIRCUIT BOARD, intel BYT Atom E3845 1.91GHz, wide temp heatsink
- 4GB SDRAM -20+85 °C
- 32GB solid state disk -40+85 °C
- Windows 10/Windows 7 EMB
- Graphical features: DirectX11, OpenGL3.2, OpenCL 1.2 HW Decode: H.264, VC-1, WMV9, MJPEG and VP8. HW Encode: H.264
- Multiple types of communication protocols
- Operation temperature -40+85 °C
- Audio

## OPTIONAL FEATURES

- HDMI/display port (multidisplay Support)
- 24 digital I/O
- Telemaintenance software module
- Cloud software module
- Barcode readers(bidimensional, QRcode, etc...)
- Printer with ticket layout manager
- Configurable software macros
- OCR document scanner
- Finger print reader
- Camera
- Plate reader system
- 4 PoE optional ports
- 2 CAN bus ports with Isolation Protections
- Rfid reader
- Analog output (4-20 mA or 0-10V)
- Intercom(VoIP)
- Axle weighing software
- Configurable communication protocol
- Signature reader



OPTIONAL EXTRAS



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