



Tech20190213-1-1

Integrated Battery Monitoring Unit Mk6 Specifications

The Integrated Battery Monitoring Unit (iBMU) is an appliance computer specified and built specifically for the purpose of running a Cellwatch Battery Monitoring System. This 2U, 19" rackmount iBMU comes with a pre-installed, highly customized image based on the Windows 10 LTSC operating system.

The latest iBMU revision was officially released November, 2018. This iBMU features greater processing power, a smaller and more efficient power supply, solid state storage, and a fan-less interior design.

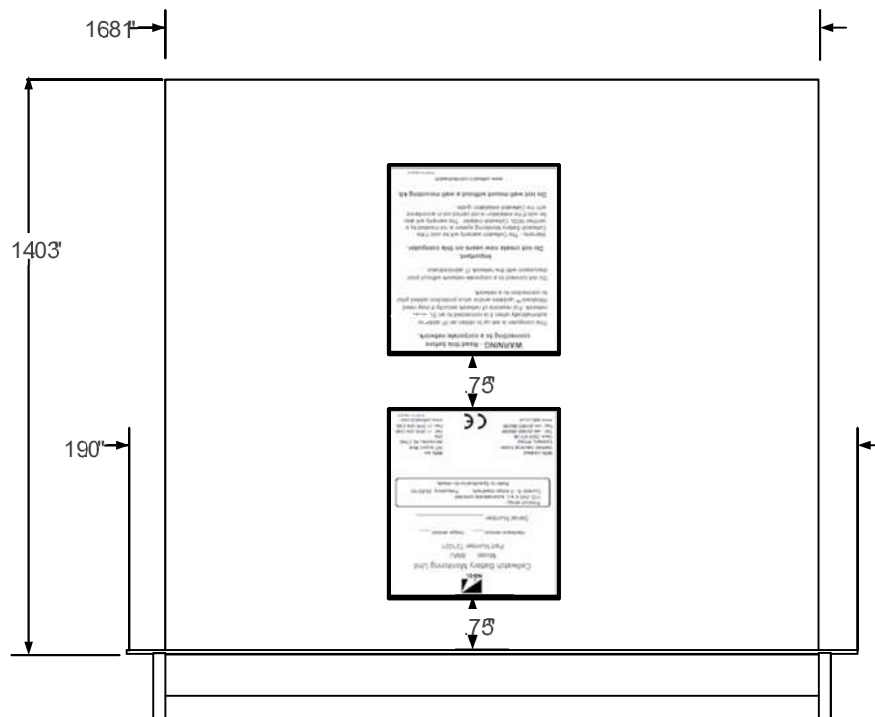
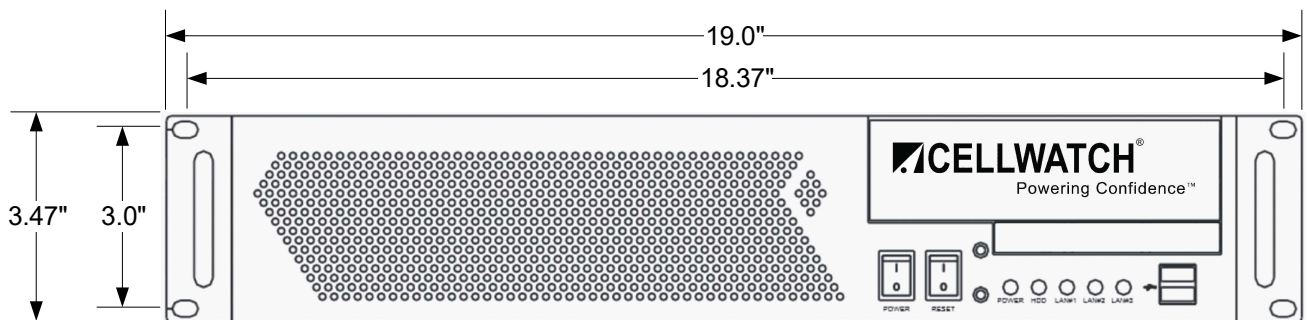
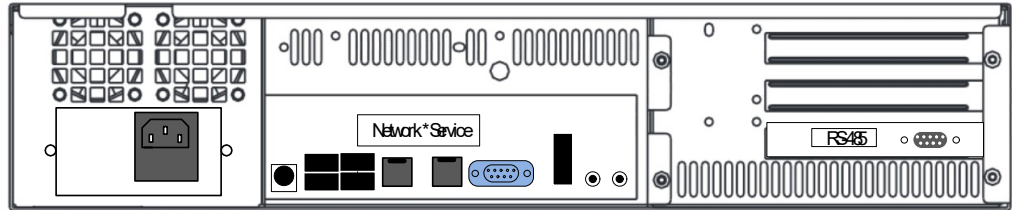
The iBMU may not recognize new video displays if they are connected after startup. If this occurs restart the iBMU with the display device connected and it should be detected.

Hardware	
Processor	Intel® Braswell SoC N3160 (1.6 GHz)
Memory	8GB RAM
Storage	120 GB SSD
I/O Ports (as configured)	
USB	USB 2.0 x 4 (rear), USB 2.0 x 2 (front)
Display	VGA x 1, HDMI x 1
LAN	LAN (RJ-45) port x 2 (Network and Service)
Serial Port	COM (RS-485) x 1, COM (RS-232) x 1
DC	DC port (12V) x 1
Software	
Operating System	Windows 10 LTSC
Cellwatch Version	Version 4.3.x or later
Environment & Dimensions	
Operating Temperature	32°F - 140°F (0°C - 60°C)
Dimensions (W x H x D)	483 x 88 x 357mm (19" x 3.5" x 14.1")





Note: NDSL reserves the right to change this specification at any time. This document should only be used as a guide and final details of any hardware should be confirmed at the time of order with your Cellwatch reseller.



iBMU Mk5 Top