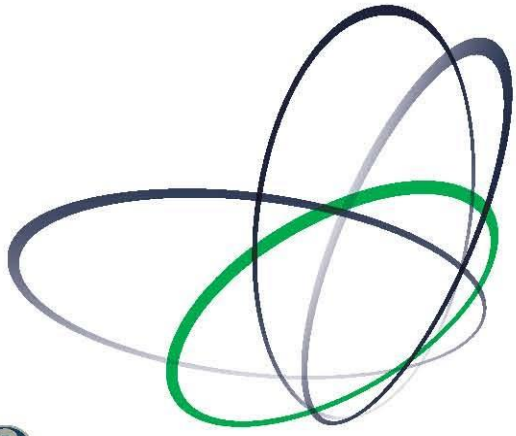
DCU SPECIFICATION SHEET



i-meter®

Innovative Metering Solutions

WARNING
Field electrical installers must follow proper safety precautions and all local electrical code requirements during electrical installation, meter wiring, and CT installation. During normal operation of this device, hazardous voltages are present which can cause severe injury or death. It is strongly recommended that only qualified, properly trained personnel should perform installation and servicing.

DISCLAIMER
The information presented in this publication has been carefully checked; however, Intellimeter Inc. (ICI) assumes no responsibility for inaccuracies. The information provided in this document is subject to change without notice.

CUSTOMER SUPPORT
To report any defect, please contact ICI at 905.839.9199. Prior to returning any merchandise to ICI, a return material authorization (RMA) number should be obtained from ICI.

INSTALLATION CHECKLIST
Make sure you have received the right product as per your order and packing list.

INSTALLATION DISCLAIMER
INTELLIMETER does not accept any responsibility and will not be liable for any loss or damage or expense of any kind whatsoever and howsoever caused by improper installation of its products, be it indirect, special, incidental or consequential damages (including but not limited to damages for loss of business, loss of profits, interruption or the like). Please refer to Intellimeter's Terms and Conditions of Sale available at https://intellimeter.ca/pages/terms-of-service-privacy-statement

ELECTRICAL CODE
Installer is responsible for ensuring that all safety and local electrical codes are followed.

Features:

- Local storage of meter reads
- USB 3.0 Communication (RS485, Modbus, MBus)
- Ethernet for BACnet or TCP/IP communication
- Meter troubleshooting and configuration software tools
- Additional 16GB memory
- Local host webpage to view reads
- Cloud access (optional)

Specifications:

Processor	Samsung Exynos5422 ARM® Cortex™-A15 Quad 2.0GHz/Cortex™-A7 Quad 1.4GHz
Memory	2Gbyte LPDDR3 RAM Po (750Mhz, 12GB/s memory bandwidth, 2x32bit bus)
3D Accelerator	Mali™-T628 MP6 OpenGL ES 3.1 / 3.0 / 2.0 / 1.1 and OpenCL 1.2 Full profile
Audio	HDMI Digital audio output. Optional USB sound card
USB3.0 Host	SuperSpeed USB standard A type connector x 2 port
USB2.0 Host	Highspeed USB standard A type connector x 1 port
Display	HDMI 1.4a with a Type-A connector
Storage (Option)	eMMC module socket: eMMC 5.0 Flash Storage (up to 64GByte) MicroSD Card Slot (up to 128GByte)
Fast Ethernet LAN	10/100/1000Mbps Ethernet with RJ-45 Jack (Auto-MDIX support)
WiFi (Option)	USB IEEE 802.11 ac/b/g/n 1T1R WLAN with Antenna (External USB adapter)
HDD/SSD SATA interface (Optional)	SuperSpeed USB (USB 3.0) to Serial ATA3 adapter for 2.5″/3.5″ HDD and SSD storage
Power Input	4.8Volt~5.2 Volt (5V/4A Power supply is recommended)
System Software	Ubuntu 16.04 + OpenGL ES + OpenCL on Linux Kernel 4.14 LTS Android 4.4.2 on Kernel LTS 3.10 Android 7.1 is available as a community driven OS development. Full source code is accessible via our GitHub.
Size	83 x 58 x 20 mm (weight: 38gram) without cooler approx.

Thank you for giving us the opportunity to serve you. We appreciate your business and the confidence you have placed in us.

Please visit us @ https://intellimeter.ca/

or call us @ 905-839-9199 if you need any further assistance.