Data Concentrator Unit

VCC102 is a specially designed new generation power meter reading terminal to meet modernization requirement of power AMI management.

• High speed 32 bytes embedded processor ARM9 and embedded LINUX operating system, 128MB large capacity memory
• Communication channel adopting high-speed full-duplex industrial-grade GPRS/GSM/3G module, supporting TCP/UDP wireless network communication method
• Plug and play modularized design, automatic identification of wireless module and automatic on line without any manual setup after module change
• Standard DLMS protocol compliance
• Local/remote firmware online upgrade, local/remote modification of data concentrator/meter parameter
• Normal operation as soon as any one phase is available under three phase power supply
• Data storing and clock working during power off and report power restoration event after power on
• Low power consumption: less than 10W if no communication with Master Station, less than 15W if communication with Master Station
• Communication with meters by PLC (G3-PLC/PRIME, etc) or RF(Wi-SUN), communication with Main Station by GPRS/

GSM//3G, etc.