VCM 3.1 – Telecom Power Distribution Monitoring
with Web Access and Mobile Notification

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Description

VCM is a robust monitoring platform for power, telecommunication, and information technology industry. VCM 3.1 is specially designed to monitor power distribution panels. It has capability to measure and monitors voltage, current, power and energy including individual channel current monitoring.

The users have access to do remote monitoring through web interface. Remote monitoring of multiple VCM racks also made possible with PC server running VCM Server software.
On the event of failure, the VCM system can be programmed to send immediate notification to Android / IOS devices.

System

The VCM System includes the following:
• VCM panel as central monitoring unit
• 2u Power Distribution Panels (user can select 10 – 15ch 2u with up to 125A Circuit Breakers)
• Web based software interface (to be installed in remote PC to allow remote monitoring of multiple VCM unit)
• Multiple Android / IOS devices can be set to receive status notification/alerts

Applications

• Power Distribution / Industrial Plant
• Telecommunication (MSC/BSC)
• IT and Data Center

Features and Benefits

• Real-time monitoring
• Customizable PDU panels 10-15ch with up to 125A breakers
• Compact 2u size panels
• SNMP, ModBus, or MQTT ready
• Remote monitoring through web interface
• Mobile notification to Android / IOS devices
• Multiple unit monitoring platform (with VCM 3.1 Server)
• Data logging up to 180 days
• Hot Swap Circuit Breakers
• Alarm and Relay outputs

8.4 inch Display

Customized User Interface

VCM + 3.5 inch Display

Technical data

Hardware

Voltage rating	DC +48V
Current Supply Rating	2A max 0.5A nominal
Number of Channels	up to 120 ch
Operating System	Linux Embedded
Connectivity	LAN 10/100 MB
Display	Touch 8.4 inch
Sensor Accuracy	+/- 1%
USB 2.0 port	1 channel

Software

http / https	Unit web access enabled
Data Logging	Up to 30 days
Mobile Notification	Telegram App (Android / IOS devices)
VCM 3.1 Server	for multiple VCM monitoring up to 10 racks

General

Enclosure	Mild Steel with coating
Dimension	485 x 88 x 151mm 2U
Color	Grey
Ambient Temperature	$-10^0...+60^0$ C

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