



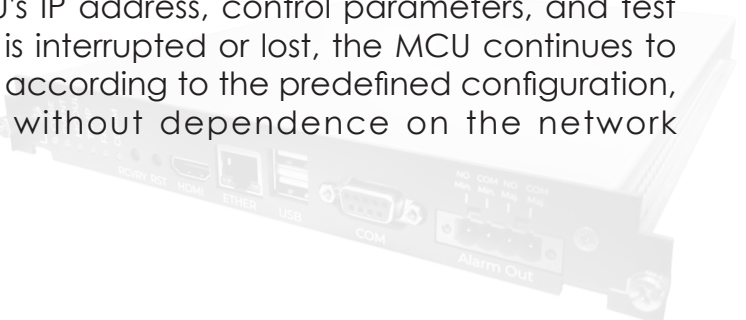
Monitor Control Unit

Ascentac OCAMS8041

Description

Ascentac FiberTrace OCAMS8041, Monitor Control Unit (MCU) can be mounted in the chassis of Remote Test Unit (RTU). MCU provides the configuration tools and management interface for the Remote Test Unit (RTU). It is primarily responsible for monitoring process control, data analysis, and data storage.

Monitor Control Unit also features 2 dry-contact external alarm interfaces and LED status indicators, enabling operators to monitor the system status at a glance. Through an Ethernet connection to the FiberCloud Test System Controller (TSC), users can configure and query the RTU's IP address, control parameters, and test status. Even if the network connection is interrupted or lost, the MCU continues to perform fiber monitoring autonomously according to the predefined configuration, ensuring uninterrupted monitoring without dependence on the network connection.



Specification

Monitor Control Unit (MCU)	
CPU (GHz)	1.4 GHz
RAM (GBytes)	1 GBytes
Data Storage (GBytes)	256 GBytes
Interface	Ethernet, 10/100/1000Mbps RJ45
	RS-232, ports for display, keyboard & mouse, auto-recovery button & reset button
	2 alarm output interfaces with dry contact
Dimension (H x W x D) (mm)	27.1 x 216.5 x 267.8
Features	1. Responsible for monitoring process control, data analysis, and data storage 2. Equipped with a watchdog function that continuously monitors CPU operation. In the event of a CPU malfunction or system hang, the watchdog automatically resets and restarts the system to ensure reliable operation of the RTU 3. Configuration and query of the RTU IP address and system control parameters 4. Monitoring and display of the current RTU test status 5. The MCU also functions as an alarm indication module. LED alarm indicators on the front panel provide real-time system status and alarm notifications. Alarm conditions include RTU equipment fault, fiber fault, equipment over-temperature, fan failure and module communication failure 6. 2 dry-contact alarm output terminals. Under normal operation, the contacts remain normally open (NO). When an alarm occurs, the contacts close to provide a short-circuit output. The alarm signals can be connected to a central Fuse & Alarm Panel in the equipment room for remote alarm monitoring 7. Automatic backup and automatic recovery functions 8. Automatic module slot detection 9. Automatic detection of module insertion and removal (hot-plug detection)

Ordering Information

OCAMS 04-**80410**

Monitor Control Unit 

EXAMPLE : OCAMS 04-80410



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