

IT SYSTEMS

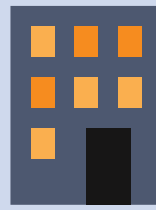
Information Technology (IT) combines all necessary technologies for information processing.

Level 4

ENTERPRISE SCHEDULING & MANAGEMENT

Supplier Rel. Mgt., HR Mgt., Finance Mgt., Supply Chain Mgt., Customer Relationship Mgt. (CRM)

Remote Office



Database Server



Level 3

PRODUCTION MANAGEMENT

PRODUCTION:

Resource Mgt., Process Mgt., Production Planning, Tracking & Tracing, Quality Mgt. (QA), Data Collection Perform. Analysis(KPI)

DEVELOPMENT:

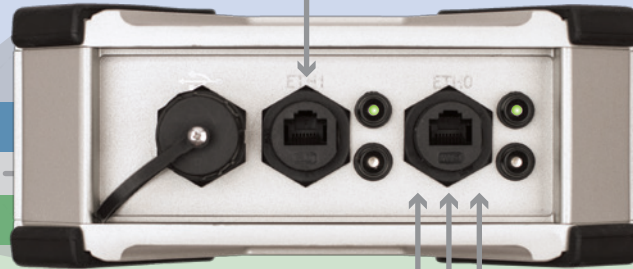
Computer Aided Design (CAD), CA Manufacturing, CA Process Planning, Digital Mock-up



Enterprise PC's Visualization & Reporting



Data Commander™



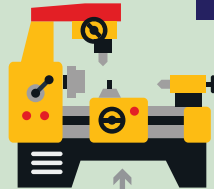
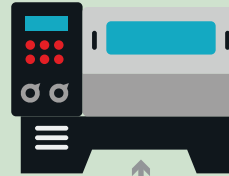
-- Integrated Firewall --

Level 2

CONTROLS & AUTOMATION

Logic/Batch Control, Recipe Management, Parameter Management

PLC Machines



Level 1

INTELLIGENT DEVICES

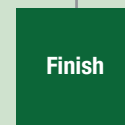
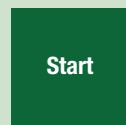
Sensors, Vision systems, RFID readers, Flow, Printers, Scanners

These devices can interact directly with the Data Commander



Level 0

PHYSICAL PRODUCTION PROCESS



MES

Manufacturing Flow Design
Manufacturing Flow Planning

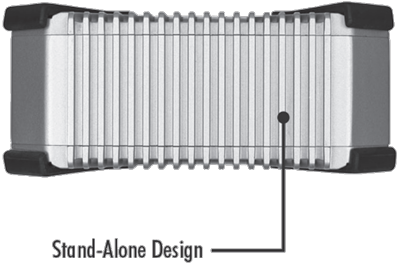
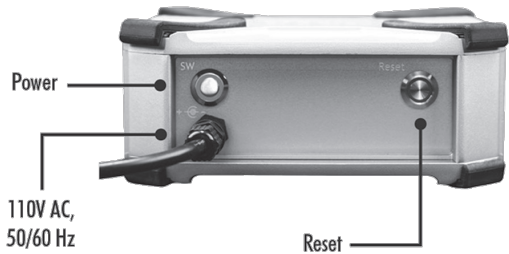
MES

OT SYSTEMS

Operation Technology (OT) comprises the devices, sensors and software necessary to control and monitor the plant and equipment.

Data Commander™ MES Gateway Appliance

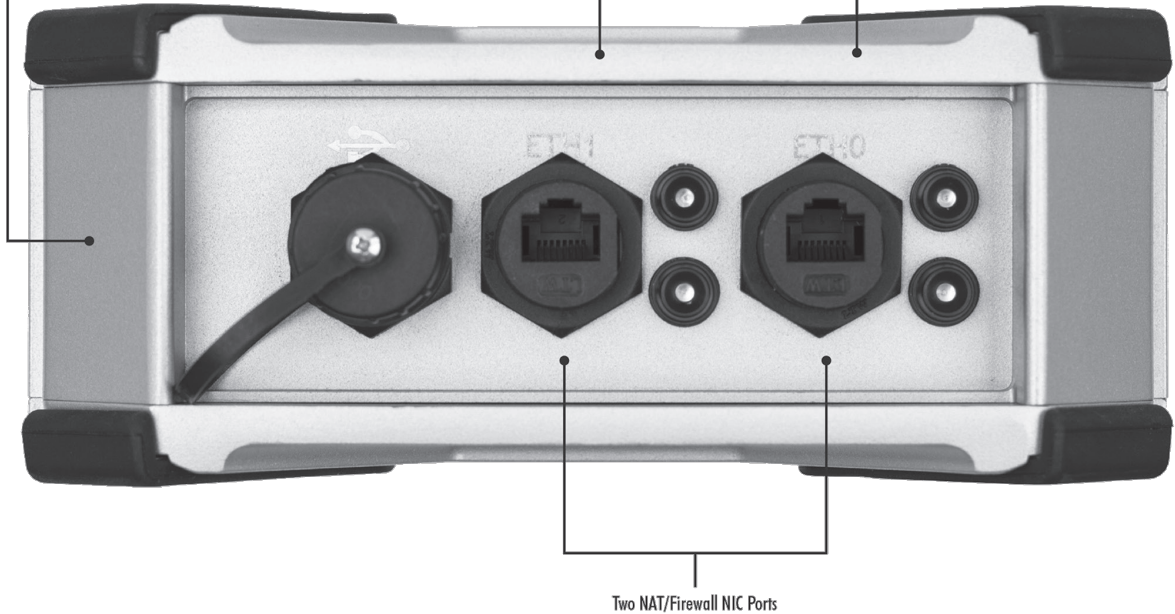
	DC-10-U-4GB	DC-20-U-4GB
CPU	800 MHz, x86, Single Core	
Network Interfaces	Two NAT/Firewall NIC Ports	
Memory	4GB eMMC Flash on board	
Max Device Connections	20	40
Power	5VDC, 115/240 VAC	
Case	Cast Aluminum Enclosure	
Dimensions in/(mm)	7.08" x 7.28" x 3" (180 x 185 x 76)	
Cooling	Passive	
Operating Temperature Range	-60°C to 80°C	
Pre-installed Firmware	Dedicated secure firmware	
Hardware Warranty	24 months	
Certifications	UL, CE	
Power Consumption	5W	
Included in Package	AC power plug, quick start guide	



Extended Temp Range
-60°C to +80°C ambient temp

180mm x 185mm x 76mm

Cast Aluminum Enclosure



www.theDataCommander.com

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