DINTEK
LAN CABLING SYSTEMS

SmartLINK™ patch panels

DINTEK SmartLINK™ patch panels make trouble-shooting physical connectivity issues easier and automates the documentation of adds, movies and changes in the network. Using centralized software management and LED indicator, network planning and management become an easy task.

Feature:

→ Follows ANSI/TIA/EIA-606-A.CLASS 4 application.

→ Copper solution equiped with Cat.6 or Cat.6A keystone jacks, and compatible regular RJ45 patch cord.

→ Fiber solution equiped with OM3 10Gb/s LC-MPO Cassette panel and SC-MPO Cassette panel.

Product Function:

→ **Structure cabling planning**
The SmartLINK™ patch panels enable IT staff to make the planning easily.

→ **Cross-connecting guide**
LED indicators guide when patching channel link.

→ **Rack system connecting, monitor and real time alert**
Any unauthorized activity will be notify with an alert message.

→ **Network maintain and management**
With SmartLINK™ patch panels, your physical layer becomes more than simply interconnected hardare.

Copper Solution

24 ports Cat.6 LED panel

FRONT

BACK

Fiber Solution

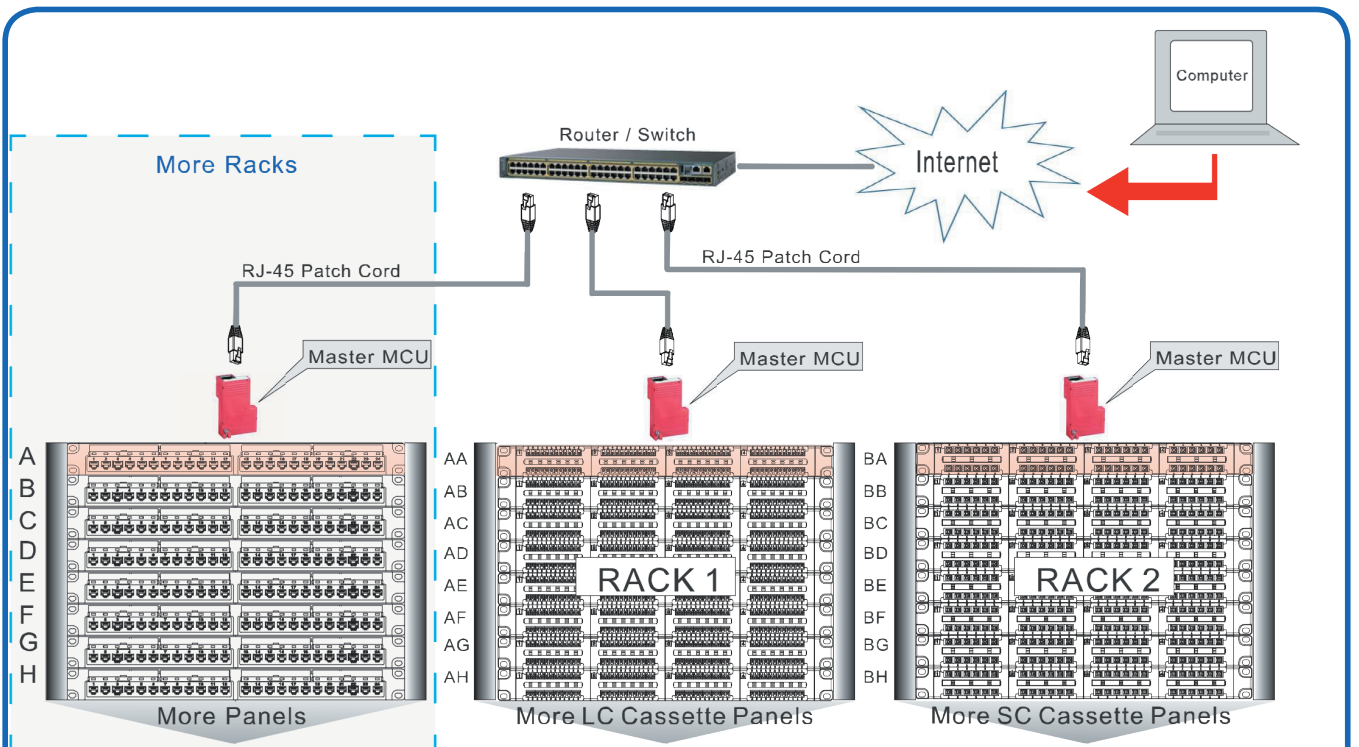48 ports duplex LC panel
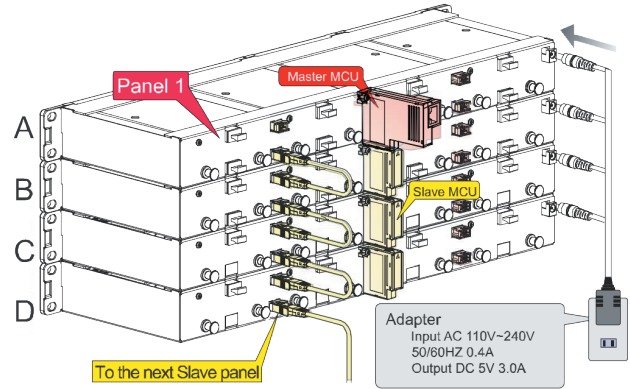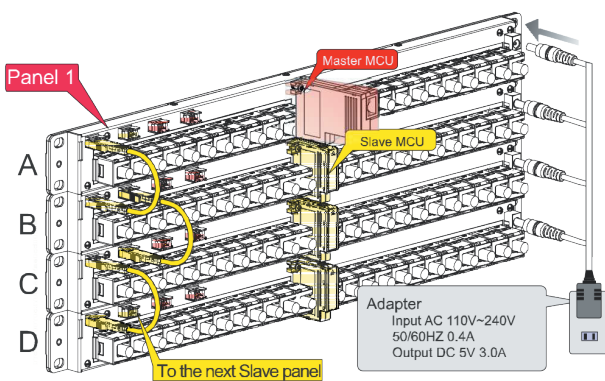
FRONT

24 ports duplex SC panel

FRONT

BACK

SAME

System Structure:

→ The SmartLINK™ system supports both Fiber and Copper solutions with one control box!

Copper Patch Panels

LC & SC Cassette Panels

The SmartLINK system supports both Fiber & Copper solutions

Product Spec

- Each IP address it controls each Master MCU
- Each Master MCU can control 19 Slave MCU
- Supports Class of Administration:
  TIA/EIA-606-A, Class4
- Power supply: A 5V/3A DC adapter can support one rack panels
- Fiber LC-MPO Cassette Panel: 1U 48-Channel (96-fiber)
  Fiber SC-MPO Cassette Panel: 1U 24-Channel (48-fiber)
  Copper Patch Panel: 1U 24-Port

Power Usage

Default Mode	Power Consumption	Annual total Power Consumption
Mute	0, 005 W/Panel	0.05 KW.h/Panel
Running	0.1 W/Panel	0.9 KW.h/Panel
Light	0.135 W/Panel	1.2 KW.h/Panel

SmartLINK meets the requirements of TIA/EIA-606-A, Class 4

<Figure 1>

<Figure 2>
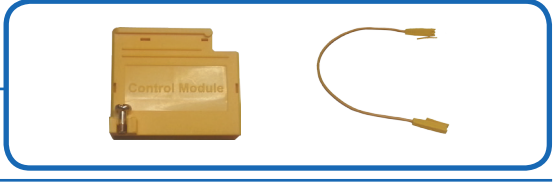
<Figure 3>

Product Features & Functions

1. Follows ANSI/TIA/EIA-606-A.CLASS 4 application
2. Copper version uses regular RJ-45 patch cords <Figure 1>(CAT 5e 、CAT 6 、 CAT 6A), Fiber version uses regular LC or SC cords.
3. Easy structured cabling planning, Cross-connection guide and management: With customizable software and the LED indicator, cabling management becomes an easy task.
4. Panel system connection monitor and real time alert: Any unauthorized activity will cause a real time alert message.
5. Easy to install and replace: The system structure is simple and MCU Modules <Figure 2> and LED modules <Figure 3> are replaceable without affecting the installed system.
6. Multiple colors of LED indicator: Two different colors of LEDs modules enable users to select (Red / Green) <Figure 3>
7. Fiber solution available: Fiber LC-MPO Cassette Panel <Figure 4>, SC-MPO Cassette Panel <Figure 5>
8. LC-MPO & SC-MPO cassettes enable users to apply on the same panel.
9. Automatic create WorkArea database from AutoCAD file.
10. Webpage Supervised and Remote Control the system via Internet.

<Figure 4>

<Figure 5>

SmartLINK Patch Panel

P/N	Description	Std Pkg Qty
1402-04041	19" 1U 24 ports LED panel includes 24 pcs Cat.6 E-jacks	1
1402-04043	19" 1U 48 ports duplex LC panel includes 4 cassettes of MPO-LC, each 2 x MPO to 12 x LC duplex (24 fiber)	1
1402-04042	19" 1U 24 ports duplex SC panel includes 4 cassettes of MPO-SC, each 1 x MPO to 6 x SC duplex (12 fiber)	1
1402-04044	MT MCU Module RJ45 port Micro Control Unit controls MT panel	
1402-04025	SL MCU Module Micro Control Unit controls SL panel	
1402-04027	SL Cable Connects SL panel in the same rack	
1402-04030	Adapter Provides power to Control Box and panels.	
1402-04031	Power Extension Cable, 1 to 9 Connects adapter to all panels	
1402-04028	USB Cable, 2M Connects Control Box and computer	
1402-04032	SmartLINK Software	