LSS

Discovery Control Panel

The LSS *Discovery Control Panel* is the primary control center of the whole *Discovery-System*. With it you can control and move almost all hoist in theatres and all hoists and telescopes horizontally and vertically. Also axes of movable and immovable extensions and devices can be controlled directly from the *Discovery Control Panel*.

The *Discovery Control Panel* is based on a specially developed industrial PC (IPC) by LSS. The advantage of industrial PCs is that they correspond to the high demands on reliability, safety, and environmental influences. Also IPCs provide for the installed hardware components a long-term availability and upward compatibility plus an easy interchangeability of the modules.

The necessary safety components are located inside the *Discovery Control Panel*. For application-specific installations, multiple isolated connectors are on the back side of the device.

Main features of the LSS *Discovery Control Panel*:
- 19'' touch screen TFT
- Industrial PC with Microsoft Windows XP Embedded
- Integrated keyboard drawer with USB
- Controlling via dead-man's analog joystick with variable speeds depending on the degree of displacement and extended numeric keypad
- Low-noise cooling
- Additional relays for project-specific functions
- Good service opportunities
- Full compatible with *Discovery Light*

Technical specifications Discovery Control Panel:

CPU	Intel Atom N270, 1,6GHz
Mass storage	Compact Flash 4GB
Connectors	Front side: USB 2.0 Back side: USB 2.0 / COM 1 (RS-232 Sub-D) / Ethernet (RJ45) / PS/2 / Reset button / VGA SXGA
Ethernet	100/1000 Base-T (IEEE 802.3u, 802.3x) / RJ45 / Autonegotiation / Auto-MDI/MDIX
Touch monitor	19'' TFT / 24 Bit colour depth / contrast ratio 1000:1 / resolution 1280 x 1024
Operation system	Windows XP Embedded

Power support	100-230V AC / one phase / 47-63Hz
Power consumption	90W
RoHS confirm	Yes
Safety	Internal dead man and emergency stop safety circuits (two separate circuits in accordance to Safety Integrity Level 3)

Weight	12kg
Dimensions (W x D x H)	640 x 530 x 219mm (connectors inclusive)
Scope of delivery	Discovery-System control panel / Mini-keyboard / Manual / Connecting cable
Order number	5110