LSS

Discovery Light

The *Discovery Light* is an alternative control panel for the Discovery System. It can be used for:

- Control panel in case of damage for the primary control panel
- Secondary control panel
- Primary control panel for studios with limited space
- Live-View screen

The *Discovery Light* is based like the *Discovery Control Panel* on an industrial PC. All connectors and the pin assignments are the same as at the *Discovery Light Control Panel*. Unlike the the primary control panel *Discovery Light* has its own housing. Following requirements are in the focus in the development of the housing:

- Low depth
- Small dimensions
- Low weight
- Compatible with 19 inch rack (4 units)
- Safety Panel for safety-related controls in 19 inch rack design (2 units)
- High-resolution touchscreen
- Trackball and keypad

Through the requirements the *Discovery Light* is easy to carry and has a low installation depth with 100mm. So the *Discovery Light* can be installed in almost any wall paneling, in trolleys or in a desktop housing.

Technical specifications Discovery Light:

CPU	AMD Geode LX800, 500MHz
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 / Joystick (Sub-D 15pin)
Ethernet	10/100 Base-T (IEEE 802.3u, 802.3x) / RJ45 / Autonegotiation / Auto-MDI/MDIX
Touch monitor	6,5'' TFT / 24 Bit colour depth / contrast ratio 1000:1 / resolution 1024 x 768
Operation system	Windows Embedded Standard

Power support	Discovery Light: 100-230V AC / one phase / 47-63Hz, Safety panel: 12V via Discovery Light
Power consumption	20W
RoHS confirm	Yes
Safety	External dead man and emergency stop safety circuits (two separate circuits in accordance to Safety Integrity Level 3) on safety panel

Weight	Ca. 4,0kg
Dimensions (W x L x H)	Discovery Light: 448 x 235 x 176mm (19''/4U) Safety panel: 448 x 235 x 85mm (19''/2U)
Scope of delivery	Discovery Light / Safety panel / Manual / Power cable IEC-60320 C13/C14
Order number	Discovery Light: 5008 Safety Panel: 5020