New from ILS
ILS16H & ILS18H interactive lecturing podium

ILS develops out-of-the-box solutions and adaptable open platforms for conducting seminars, lectures, meetings and conferences. We use our many years of experience in servicing the international pro-AV markets, in display technology, in the development of simulation and training software, gaming and Graphical User Interface technology combined with worldwide production efficiency. ILS builds its lecterns or podiums in the Netherlands and China to ship around the world.

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We are now presenting the next generation of the ILS16 SpeakersCorner, ILS16H & ILS18H
Shipping as of May 2012

The ILS16 and ILS18 serve the education and training market with an ultra compact lectern suitable to fit any classroom. With adequate space and flexibility in the configurations, it serves wide functional use, such as interactive lecturing, recording/streaming, business presentations during events, seminars etc. Its solid construction will make it outlast any previous lectern, no wonder, many ILS lecterns are in use at Academic and military training around the world.

Just as the popular new ILS24H, the ILS16 and ILS18 come in 3 versions:

- ILS16/18HX12:
    - Stylish cabinet including on 42 x 71 cm footprint, slide-out 12" touch panel (native res. 1280x800) on the side, dual rack access, microphone socket and cable nook for connecting a notebook.
    - 4-port USB hub
    - The nicely rounded desktop cover can hide an interactive 16" to 19" wide screen monitor at the user's choice for the ILS16 (50 x 50 cm desktop) and 22" = 24" for the ILS18 (68 x 50 cm desktop).
    - The cabinet is made of removable thick aluminium on a steel frame with rounded extrusion elements to create a very solid product.
    - Over its predecessor ILS16HX offers height adjustment as well as angle adjustment of the main monitor.
    - Physical door locks for cover and rack access doors

- ILS16/18HE, adds to the HX12 version:
    - 19" wide screen pen interactive monitor
    - Education control system: including both button controls and control from the monitor. Provides for 3 VGA + 3 video input source switching, scaling, IR, digital IO and relays and serial i/f for controls.

- ILS16/18HF, adds to the HE:
    - Choice of 120Watt 6 channel input mixer/amplifier or 2x 100Watt stereo amplifier
    - Gooseneck microphone on shock-mount XLR foot.
    - State of the art PC to support the interaction on the local level. (Typical HP/DELL SFF PC)
    - Localized 84 button keyboard
    - Sho-Q Presentation and white boarding interactive software (limitations may apply in certain languages)

- Custom Options:
    - Migrate to higher quality interactive monitors, such as WACOM PL720, SMART SP518 for the ILS16 or WACOM PL2200, SMART SP524, Crestron V24R-C, HP TouchSmart 23", ACER 241H 23" multi-touch
    - Expand the controller with true matrix switching 8 inputs/4 outputs including digital out.
    - Use 7 – 10" tablet PC control capability
    - Add a 5MP visualizer that hides between monitor and controller when closing the top cover
    - Expand audio with various wireless systems
    - Upgrade the PC to higher levels of performance
    - Add capture recording/streaming systems controlled from the 12" touch side panel

Detailed specifications:

Cabinet:
- 42x71 cm by 98 – 115 cm tall. VESA mount monitor plate with tilt adjustment logical for pen interaction.
- 4 – 5 mm aluminium extrusion and plates
- 3 + 7 Rack unit of storage (approx 12" – 13" deep)
- Floor roller for ease of transportation
- Cable nook cabling: Power socket, VGA , LAN, USB, PC audio

Main monitor (HE version)
- 19" wide screen 16:10 tablet monitor, dimensions: 44 x 31 x 7 cm, weight 4 Kg, Active area 408x255 mm
- Pen accuracy +/- 0.5 mm, 2000 LPI default, pitch 0,294mm x 0,294 mm, response time 5ms
- 1024 pressure levels, 125 reports/sec
- Brightness 300 cd/m2, operating temp 0° - 50° C

Education controller (SCA300 in HE version)
- Control Ports:
- Com Ports: 1 RS232 (3.5mm) COM port to connect peripheral equipment as projector
- IR Ports: one IR (3.5mm) OUT port to control IR-control based peripheral equipment as DOC CAM, DVD, VCR, AUX, etc.
- PC Console Port: 1 DB9 female PC control port on the rear panel, support PC control via Management Software
- Integrated Scaling Switcher:
- Audio Switcher: 6 inputs （2 RCA interfaces +3 3.5mm stereo audio interfaces + 1 MIC）；1 3.5mm output interface
- Visual Scaling Switcher: 6 inputs (3 RCA interfaces + 3 VGA HD interfaces) + 1 VGA HD output; support 12 most-common resolutions, up to 1920*1080@60Hz
- Independent Volume Control Module: Support independent volume for each channel
- Thirteen IR Programmable Control Keys, Built-in IR Learning Module
  Support 4*7+4=32 IR control keys for controlling DOC CAM,DVD,VCR,AUX. And 2 keys for projector.
- Power: DC12V
- Software: Intelligent Education Control System Software
- Dimension(mm):L230XW137XH50
- All buttons are replicated on screen for control from the monitor in a window.

Side panel:
- 12" VGA 1280x 800 native resolution, tilt angle, USB resistive touch
- 4 USB-HUB

Audio Package:
- Amplifier details
  - 120W mono (JHS120B) default; 2x 100W stereo alternative (JHS2300B), 2x 50W soundfield classroom alternative (DSP80A)
  - Sunken knobs prevent adjustment mistakes
- Mixer details
  - 6 mic inputs (1 input -20dB switch), 2 line inputs, 2 line outputs, frequency response 50 – 20000Hz, 4 point equalizer
  - Phantom power
- Wireless mixer detail: (option)
  - 735-870 MHz frequency range, select from 2x 100 channels
  - Signal to noise ratio >110 dB, sensitivity -95~-67 dBm, 40 – 18000 Hz with harmonic distortion <0.5%,
  - Balanced outputs, 3-30mW transmission power, power consumption <10 W
- Microphone details
  - Unidirectional condenser microphone head on gooseneck with XLR foot
  - 100-10000Hz within 1dB, response 50 – 16000 Hz, sensitivity -45dB+/-3dB, output impedance 600Ohm+/-30% at 1 KHz

PC specifications:
- INTEL i5 level CPU, 2nd or 3rd generation iCore board, 4 GB RAM, 320 GB HDD, DVD
- graphics card added for dual analog or digital graphics and powerful connectivity
- WIN 7 PRO OS

Sho-Q 10 HD presentation and lecturing system specification: (requires MS Ofice)
- Manage multiple presentations and transition seamless from one to any other,
- Manage more file types within the presentation, docs, excel, PDF, image files, movies with marking/pen function and web pages.
- White board interaction software use on any background including the current slide.

Your complete audiovisual system integrator: