



HD Series

INDOOR DISPLAY
high resolution



HD Indoor

High resolution Displays

The LED modules of the LEDCON HD series offer innovative LED technology with unique sharpness.

Exclusively highest quality components in our HD modules provide excellent color reproduction as well as low maintenance and operating costs at a long lifetime.

Through the unparalleled sixfold leveling system, paired with the precise processing of our LED modules, an enormous mechanic homogeneity on the screen is created, which differentiates the LEDCON modules from comparable products on the market.

The LEDCON HD modules with pixel pitches of 2.0 and less are designed for setting up video walls in the retail area, in tv studios or at events, to gain additional attention through these modern types of large screen systems.

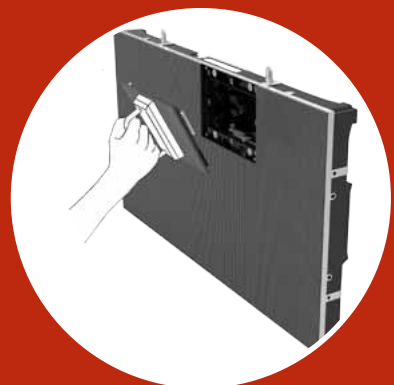
Features

- ⇒ Brilliant Image Sharpness
- ⇒ Pixelpitch from 0.8 up to 1.9 mm available
- ⇒ Mechanic Perfection
- ⇒ Excellent Image Processing
- ⇒ Enormous Brightness
- ⇒ Service friendly



Details

	UHD 1.2	UHD 1.6	UHD 1.9
Optical System			
Pixel Pitch	1.2 mm	1.6 mm	1.9 mm
LEDType	SMD	SMD	SMD
Resolution	512 x 288	284 x 216	336 x 189
Brightness	800 cd/m ²	800 cd/m ²	800 cd/m ²
Colour Depth	16 bit	16 bit	16 bit
Modul Dimensions			
Aspect Ratio	8:9 / 16:9	8:9 / 16:9	8:9 / 16:9
Weight per Module	7,8 kg	7,8 kg	7,8 kg
LED Display			
IP Rating	IP51	IP51	IP51
Power Consumption max./m ²	720 W	630 W	435 W
Power Consumption ø/m ²	240 W	210 W	145 W
Horizontal Viewing Angle	160°	160°	160°
Vertikal Viewing Angle	160°	160°	160°
Refresh Rate	> 3840 Hz	> 3840 Hz	> 3840 Hz
Controlling	NOVA	NOVA	NOVA





✓ LEDCON equipment

NovaStar MCTRL 300 Basic Controller

Basic video controller ideal for permanent installations and small LED screens | Pixel capacity: 1.3 million pixels | Input resolution: 1920 x 1200, 2048 x 1152, horizontal and vertical resolution is freely customisable max. 2560 x 960 or 1536 x 1536 | Video interface: DVI-I | Management interface: USB 2.0 (type B) | LED screen outputs: 2x CAT (RJ45) Freely configurable output (backup) | Internal power supply | Interface build in brightness sensor | UART in / out for cascading controller | Audio interface: 3.5 mm mini jack for audio transmission via CAT cable | Easy configuration and extensive monitoring capabilities via free NOVA LCT-Mars Software



NovaStar MCTRL 660 Controller

The standard LED controller - ideal for rental and large fixed installations | Pixel capacity: 2.3 million pixels | Input resolution: 1920 x 1200, 2048 x 1152, horizontal and vertical resolution is freely customisable max. 2560 x 960 or 1536 x 1536 | Video interface: DVI-I and HDMI In (configurable as backup), DVI-I and HDMI out (control monitor and / or second controller) | Management interface: USB 2.0 (type B) | LED screen outputs: 4x CAT (RJ45) Freely configurable output (backup) | Internal power supply | Brightness sensor via Multifunction Card | UART in / out for cascading controller | Audio interface: 3.5 mm mini jack for audio transmission via CAT cable | Easy configuration and extensive monitoring capabilities via free NOVA LCT-Mars Software | Screens can be easily configured via front LCD and rotary push encoder without a PC

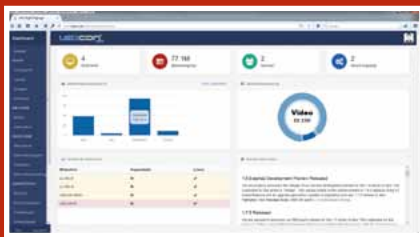


Video scaler Venus X1

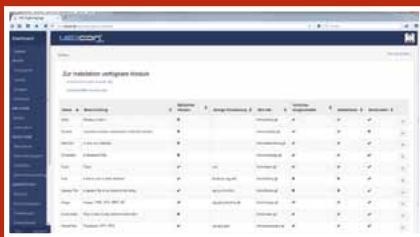
Entry video scaler with professional features and optional expandability | Video scaler and switcher in one unit | Minimal input lag Video inputs: DVI-I, HDMI, VGA, 3G-SDI, Composite, Additional inputs with optional expansion cards | Video outputs: 2x DVI (configurable), 1x VGA, 1x SDI Loop | Freely customisable EDID Management | Easy configuration via LCD and rotary push encoders | Remote control and configuration with iOS app or Windows Software | Remote control via RS232, USB and TCP / IP | PIP and split screen mode (Single Machine Splicing) | Crossfade between sources with fade times and effects | Testimage generator | Memory for 36 presets



Intelligent content management



The Content Management System XIBO is the ideal software solution for your LED displays. From a central computer a variety of displays can be individually supplied with timed content. The compilation of playlists can be done via drag and drop. In a clear calendar you are able to organize advertising time and desired series dates. Temporary event advance notices, different advertising spots on various days and times of day are easily pre-configured.



You simply work from your office PC. A software installation is not necessary, the entire operation is done through your local web browser. Because of the open Open-Source-Technology we are always able to implement additional customized solutions, such as automatic content uploads from remote network folders. On request we provide you an already finished XIBO system: Either a ready installed and configured outdoor PC directly to your advertising display including UMTS modem for the wireless dubbing of pictures and video content. Or an 19" server to be installed in your computer rack.



XIBO Content-Management

- Centralized administration of content of one or several displays
- Grasping layout, intuitive handling
- Calendar to organize playback times
- Setting priorities and playback times for content
- Administration of users and individual access rights
- Pixel-accurate positioning and scaling of contents
- Configuring via web-browser
- Remote configuration per VPN possible
- Special adaptations of software possible any time



LED display made by LEDCON



Customer-focused project management, uncompromising quality of products, as well as overall professional service entitle LEDCON systems to one of the leading producers of LED systems.

In recent years a powerful set of enterprises from development to sales has grown on the 3500 m² company site. This cooperation ensures an extraordinary flexibility thus enabling even highly customized solutions.

You plan an Out-Of-Home-Display, a Digital-Signage-Screen or an information banner at your point of sale - we manage any environment and purpose of messages via LED systems precisely shaped to your individual concepts and needs. A globally spread network of providers sets LEDCON into a position to select the best suited components for any imaginable LED display project and precisely shape according to your imaginations.

LEDCON accompanies your project from its first ideas to setting it into operation. No time-consuming coordination of scattered branches for you - one of our skilled and

experienced project managers guides you along throughout the project as your single, personal addressee.

Our support concept comprises assistance in visualisation matters, CAD based design, calculation, matters of statics, sketches of details and of course in the final installation and setting into operation.

If required we additionally support you in matters of administrative permission or composition of relevant project data.

