



Large-Area Color Modular LED Screens

The LED-Screens are composed of video-modules 50 x 50 cm in size, affixed together for the required screen size and forming an overall rigid but light construction.

Customized field sizes are possible. Due to the modular construction, an in the field assembly of a LED-Screen only takes a few hours depending on final size. Start-up time of the LED-Screen depends on loading time of the controlling computer only. The screen can be setup at any place and is out-door proven.

The modules are available with a pixel pitch of 15mm, 20mm and 24mm for out-door applications.

Module parameter	LED - TV15	LED - TV20	LED - TV24
Resolution, (R,G,B trixel)	34 x 34	25 x 25	21 x 21
Trixel pitch, (mm)	15	20	24
Dimensions, (h,w,d, mm)	500 x 500 x 100		
Primary emission colors	R,G,B		
Number of colors	16777215		
White brightness, (cd/ m²)	6000	4500	4000
Brightness non-uniformity, (%)	± 10		
Overall contrast, (rel. Units)	300 : 1		
Viewing angle, horizontal (degree)	± 70		
Viewing angle, verticall (degree)	± 30		
Operating temperature, °C	-40 - +80		
Main supply, (VAC 3-phase, Hz)	380 / 50		
Minimum viewing distance, m	15	20	24
Power consumption, (VA)	< 270		< 300
Weight, (kg)	7		
Operating lifetime, (hrs.)	50000		

The software provided, enables to independently control "computer" and "television" video information display. Different sources of TV-signal (VTR, videocamera, TV-receiver, CD-player) can be connected to the screen and switched by programs; overlay, insert image, moving window etc. of TV and computer image are possible.