

Small creative LED block to enable you to build LED displays of any shape and form.



Does a LED screen have to be rectangular and flat?

With MiPIX we give you the opportunity to be creative with LED displays, to take your expression and message beyond content. MiPIX lets you add shape, form and perspective – to have it your way.

With the MiPIX Creativity Packs you can create unique display solutions without expensive and time consuming custom manufacturing. We provide you with the building blocks – you provide the imagination.

Easy as 1, 2, 3

Step 1 - the block

The MiPIX-20 block measures only 4 by 4 cm (1.6 x 1.6”) and contains four full color LEDs, each capable of creating millions of colors and hues. It is lightweight and connects to other blocks by means of flexible ribbon cables. This simple, yet ingenious concept allows you to use the MiPIX blocks to create intelligent lighting effects on large-scale backdrops of any form, shape or size, while they also offer the possibility of full video content on 3D logos or other free-form shapes.

Step 2 – the structure

The MiPIX rental structure is a strong but still lightweight structure with a grid that can take up to 21 by 21 blocks in any imaginable configuration. The mechanical design of the structure allows for flat, concave or convex arrays of structures. It is TUV approved and can be flown up to 18 structures deep with a 5:1 safety factor.

This makes very large LED backdrops possible, where the construction and rigging of such large LED screens previously would have been too heavy, and very costly.

The MiPIX rental structures travel four in a flightcase and can also be ordered assembled and tested with your choice of MiPIX blocks, cables and controllers.

Step 3 – creative add-ons

Our creativity packs give you another layer of expression for your creative ideas.

The optical diffusers and masks can be applied individually, in groups or in combination

Technische Daten

Pixel-Pitch	20 mm
Helligkeit	1.300 cd/m ²
LED-Konfiguration	4 SMD LEDs (2x2 Konfiguration)
Hor. Betrachtungswinkel	145° (min. 50% Helligkeit)
Vert. Betrachtungswinkel	145° (min. 50% Helligkeit)
Kontrast	950:1 (500 Lux)
Lebensdauer	45.000 Stunden (50% Helligkeit Vollweiß)
Leistungsaufnahme	1,2 W / Block (max.) 206 W / System (1 CU + 128 Blöcke)
Abmessungen	40,3 x 40,3 x 22 mm ³ (BxHxT)
Gewicht	34 g
Verarbeitung	14 bit
Bildwiederholfrequenz	1045 Hz
Betriebstemperatur	0 bis 40°C
Temperatur bei Lagerung	-20 bis 60°C
Luftfeuchtigkeit bei Betrieb	0 bis 85 %
Luftfeuchtigkeit bei Lagerung	0 bis 90 %
Quellen-Kompatibilität	S-Video, Composite, YUV, RGB, SDI, HDSDI, DVI-Daten bis zu SXGA
Struktur	Plugs into metal structure, can handle multiple inserts