

Technical Specification for Picturebox PB3

Characteristic		Specification
Light source Data source		LED (Light Emitting Diode) Fibre Optic
Screen Size		27 sq m (4.5m high x 6m wide)
Viewing Angles		130o Horizontal Minimum 30o Vertical Minimum
Viewing Distance		8m Minimum Maximum: screen size dependant
Operating Lifetime		70,000 hrs
Brightness		6,000 NIT (cd/m ²)
Pitch	LED (physical) DCM (effective) Pixels (physical)	15.6 mm 64 LED's/m 23.4 mm 42.7 DCM virtual pixels/m 31.3 mm 32 pixels/m
Density	LED (physical) DCM (effective) Pixels (physical)	5,120 LED's/m ² 1,820 DCM virtual pixels/sqm 1,024 pixels/m ²
Module	Display Area Dimensions Weight	0.5m ² / 5.38 sq ft 1,000mm(W) x 500mm(H) x 190mm(D) 30 kg/module 60 kg/m ²
Pixel Levelling		256 Levels/LED
Colour Range	Standard Low-Light Picture Area	16.7 million colours 24 bits 268 million million colours 48 bits
Video Inputs	Composite Component	PAL & NTSC YUV & RGB
Refresh Rate	PAL NTSC	100 Hz 120 Hz
Frame Rate	PAL NTSC	De-interlaced 50 Hz De-interlaced 60 Hz
Pixel Configuration		2 Red, 2 Green, 1 Blue LED's / pixel
Screen Resolution		Unlimited
Power Consumption	Typical Maximum	300 W/Sqm 1000 W/m ²
Power		Onboard 65kva 3 phase generator

Power requirements:
Ceeform Connection
125 amp, 380-415v 3 phase neutral
and earth Actual box size
TRUCK & SCREEN SIZES
33ft x 9ft on Truck
27ft x 9'6" unloaded

Onboard Equipment
4 camera mixing suite inc monitors
2 recorders (2 Beta or 1 beta/1 Vhs)
Graphics overlay system
Colour corrector
Scopes, DA, Scan Converter,

