IPCube™

PIP x9

"The most complete and reliable rear projection system"

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Through
IPCube
technology,
the
World
is
Yours!

LANETCO
Seeing is believing

Innovator & Manufacturer
www.lanetco.com

DLP

Suhp

ISO 9001

CE

IPCube™

"A state of the art SMART full digital rear projection system",
specially designed for 24/7 industrial non-stop mission critical applications, offers you unsurpassed digital image.

IPCube™ Features:

☑ ### Control & IP
- IP address selection
- Real Time TCP/ IP control
- Remote network control from any station on the LAN
- Remote control of the wall from anywhere in the world
- Remote supervision of the wall from anywhere in the world
- Remote internal software upgrades from anywhere in the world
- Remote trouble shooting from anywhere in the world
- Multilingual control software

☑ ### Inputs & PIPs
- Real Time signal processing
- 9 direct inputs per cube
- Modular plug-in input boards
- Support most standard signal formats (Video, HDV, RGBHV, DVI, SDI)
- Unlimited PIP per cube

☑ ### Image & display
- 50" to 120" image size
- Fully digital using the Native DMD
- High resolution
- High brightness
- True colors
- Automated brightness control & color management
- Low noise & long lifetime color wheel
- RCC Technology : Real Color Calibration of Red Green Blue and White

☑ ### IPCube™ unique & full optional redundancy
- Dual lamp redundancy 100W to 250W
- Dual ballast redundancy
- Dual input boards redundancy of any signal type
- Dual power supply redundancy
- Dual Network redundancy

SDI Input
RGB Input
HDTV Input
DVI Input
Video Input

The DMD™ chip

Designed for 24/7 applications
Full service maintenance available for up to 5 years
Lamp replacement program
Easy hardware & software upgrade at anytime
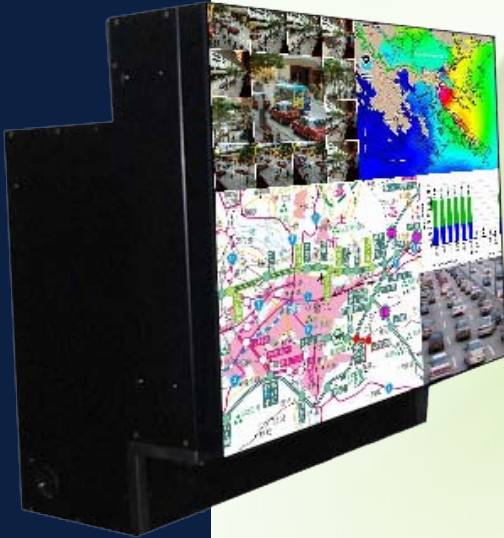**Easy system expandability at anytime**

Seeing is believing
LANETCO

DLP PICTURE BY TEXAS INSTRUMENTS   ʃʃuhP™   ISO 9001 Quality Management System   CE

Follow the L**E**D(a)D

IPCube™ LED Lit Series

IPCube ™ LED lit series features
- All advantages of Lamp lit series
- Built in processor with up to 9 inputs
- RCC Technology
- Long life time : 60'000 hrs
- No maintenance required
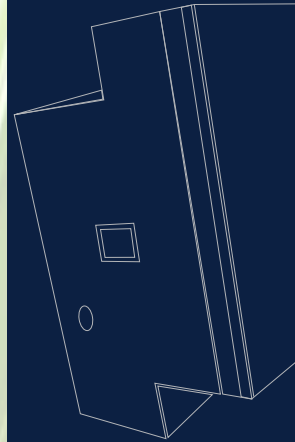- Brilliant colors
- Eco friendly

IPCube LED lit series offers benefits and leading experience of Lanetco's traditional UHP Lamp Cubes but with important new & unique advantages.

LED technology: LED light source brings 60'000 hours without interruption and lamp costs. Eliminate lamp needs for critical systems (24/7). Brilliant colors.

Large range of screen size : From 50" to 80".

RCC : Lanetco Real Color Calibration unique technology allows color adjustment on Red Green Blue + WHITE values. Perfect color balance accross all screens in a videowall.

Lanetco's LED light source is earth friendly

9 built-in inputs

R eal
C color
C alibration

60'000 hours

L E D

THEY HAVE TRUSTED US

ALSTOM
RATP — Paris Railways
Metro caracas
رئاسة الجمهورية — Présidence de la République — **Algerian Presidency**
BR PETROBRAS
TEXAS INSTRUMENTS
COLAS RAIL
TELIA
Telefónica
البريد السعودي — Saudi Post
PDVSA — Petrol de Venezuela
Bolsa de Barcelona
SAMSUNG
Deutsche Post
MasterCard
ACP — Canal de Panama
RTM — Marseille Metro
FOX
M Munich Airport
Lloyds TSB
Audi
Flughafen Stuttgart — **Stuttgart Airport**
EMERSON Process Management
SWISS MILITARY
Volkswagen
LG
ABB
THALES
ARMEE DE TERRE
Deutsche Bank
Deutsche Telekom
CCTV 中国中央电视台
vodafone
DAIMLERCHRYSLER
Gaz de France

IPCube™, State of the Art top level technology in image processing

IPCube™, with its fully integrated IP (Internet Protocol) processor, will be your best option when considering videowall solutions for diverse applications, specially **Control Rooms**.

IPCube™ brings you unsurpassed digital image with the highest resolution and brightness.

With its revolutionary and highly evolved engine, you will be able to mix, re-size and over-lay any of the **9** connected signals among RGB, DVI, Video, SDI, or HDTV and display simultaneously all of the nine signals LIVE as Picture-in-Picture or as 1-image, with the help of its powerful **TCP/IP** wall control software "**IPCubeManager™**".

Using the user-friendly IPCubeManager™ software, the projected images in the videowall can be easily expanded, shrunk, labelled and remote controlled for supervisory purposes.

IPCube Touch Screen

TOTAL SOLUTION

- Software Division
- Hardware Division
- Embedded Software Division

- Engineering Conception
- Production Department
- Accounting Department

- Sales
- Installation
- After Sales Services

INDOOR VENUES   TELECOMMUNICATION   TRANSPORTATION   TRAFFIC   ENERGY   SECURITY

international LANETCO
Seeing is believing

TECHNICAL SPECIFICATIONS

IPCube™ General Specifications

Screen Aspect Ratio	4/3
Colors	16,7 Millions
Inputs types	Video, Graphic, DVI, SDI, HDTV
Live display	1 to 9 (one per input)
Overlay	1 Overlay channel for image frame and title or graphics
Video Standards	Composite or Y/C (BNC & S): PAL: B,D,G,M,N,H,I,K,L - SECAM - NTSC: M,N,4,43
Graphics	Analog RGBHV / RGBS, interlaced/non-interlaced, Automatic pixel clock recovery. Resolution: VGA to UXGA. Frequency : Horizontal : 12-120 kHz, Vertical : 30-120 Hz Pixel clock up to 165 MHz. (HD DB-15F connector)
DVI	Digital TMDS standard (MRD-DFP20 pin connector)
SDI	Serial Digital Interface for Video signals (BNC connector)
HDTV	High Definition Video Signal YUV (BNC connectors)
Voltage	110 - 120, 200 - 240 Vrms automatic selection
Frequency	50 - 60 Hz
Total Power	180 to 450 VA Max
Operating T°	0 to 40°C (41 to 95°F)
Operating Humidity	< 95 %
Noise Level	< 29 dB
Screen	Black Bead, Ultra Contrast High Brightness, Cross Prism (other screens available)
Control	TCP/IP control by IPCubeManager™ software
Gap Between 2 screens	< 0.3 mm

IPCube™ LED lit Specifications

Image Range	50''	67''	70''	80''
Dimensions (WxHxD cm)	100.0x75.0x77.0	136.4x102.3x87.0	140.0x105.0x89.0	160.0x120.0x96.0
Active Area (WxH cm)	100.0x75.0	136.4x102.3	140.0x105.0	160.0x120.0
Model	SXGA/WXGA/SXGA+ [2]			
DLP Technology	Native SXGA+ DMD, Single chip			
Resolution	1400x1050			
References	**IPCL-50SX+**	**IPCL-67SX+**	**IPCL-70SX+**	**IPCL-80SX+**
Luminance	470 cd/m²	260 cd/m²	245 cd/m²	145 cd/m²
Brightness	610 ANSI Lumens (typical)			
Contrast Ratio	1650:1			
Brightness Uniformity	95%			
LED System	LED (RGB)			
LED Lifetime [1]	60000 h			

IPCube™ Lamp lit Specifications

Image Range	50''	67''	70''	80''	100''
Dimensions (WxHxD cm)	100.0x75.0x70.0	136.4x102.3x77.0	140.0x105.0x77.0	160.0x120.0x90.0	203.0x152.0x96.0
Active Area (WxH cm)	100.0x75.0	136.4x102.3	140.0x105.0	160.0x120.0	203.0x152.0
Model	XGA			SXGA/WXGA/SXGA+ [2]	
DLP Technology	Native XGA DMD, Single chip			Native SXGA+ DMD, Single chip	
Resolution	1024x768			1400x1050	
References	**IPC-50X** **IPC-67X** **IPC-70X**			**IPC-50SX+** **IPC-67SX+** **IPC-70SX+** **IPC-80SX+** **IPC-100SX+**	
Luminance	110 – 680 cd/m²			130 – 1690 cd/m²	
Contrast Ratio	1300:1			1600:1	
Brightness Uniformity	95%			95%	
Brightness	580 – 710 ANSI Lumens			700 – 2100 ANSI Lumens	
Lamp System	Single or Dual			Single or Dual	
Lamp Type	UHP 100W	UHP 120W		UHP 180W	UHP 250W
Lamp Lifetime [1]	15000 h	6000 h		4000 h	1500 h

(1) **Lifetime** according to the lamp or LED manufacturer

(2) Emulating SXGA+ DMD/ Please contact us for SXGA or WGXA cube dimensions

Specifications are subject to change without notice

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