

SKYNET Technical Specifications



PHYSICAL SPECS

Transparency Factor: 50%
Module Pitch: 50mm
Visual Pitch: 25mm
LED Config.: 2x red, 2x green, 2x blue
Resolution: 20 x 20 modules/sq. M
Weight: 14.7 kg/ sq. M
Cooling: Thermal conduction (fanless)
Life Expectancy: 100,000 hours

OPTICAL SPECS

Illumination: > 8000 NIT (D6500 calibration)
LED Type: 30 x 70° oval
Module offset: 10° down angle
Upward Light Output Ratio: <5% (ULOR inst)
Viewing Angle: 60° H x 120° V
(half intensity viewing cone)
Color Temperature: 3200 9300° K, Variable
Uniformity: > 98%
Contrast Ratio: 5000:1

MECHANICAL SPECS

Dimensions: 31 mm H x 30 mm W x 38 mm D
Display Width: 0.8 M - 32 M
Max Tiled Displays: Unlimited

POWER SPECS

Min Consumption: 13W/ sq. M
Nom Consumption: 105W / sq. M
Max Consumption: 263W/ sq. M

ENVIRONMENTAL SPECS

Operating Temp: -35° - 70° C
Storage Temp: -35° - 80° C
Relative Humidity: 100% at 40° C

CERTIFICATIONS & COMPLIANCE

Safety: UL, ETL, CE, CSA, NEMA (6), IEC (IP67)
Emissions: IEEE/ ANSI, FCC (Class A)
Manufacturing: RoHS
Light Pollution: CIE (150:2003)

POWER HUB SPECS

PHYSICAL SPECS
Enclosure Type: Outdoor NEMA (6)
Mounting Configuration: Pad or Wall Mount
Dimensions: 158cm H x 102cm W x 61cm D
Weight: 340kg (Master), 331kg (Slave)
MTBF: 350,000 Hours
Cooling: Outdoor NEMA (6) Closed Loop Sys.

POWER SPECS

Input Voltage: 480 VAC, 3 Phase, 50-60 Hz
Input Max Current: 65A

PROCESSOR SPECS

EMBEDDED COMPUTER SPECS

Operating System: MSWindows XP Prof.
Processor: Intel™ Core 2 Duo 2.13 GHz
Software Applications: ADTI Media™ SkyNet®
Diagnostics, Monitoring Agent
& Content Player

SOURCE INPUT SPECS

Color Standards: NTSC, PAL, PAL- M, PAL- N, SECAM
Max RGB Input Resolution: 2048 x 2048 Pixels
Color Resolution: 24-bit (16.8 Million Colors)
Digital Sampling: 24-bit, 4:4:4 format
Connections: 1x Analog (HD-15 Female), 1x DVI-D (29-Pin Female), 2x Composite Video (BNC), 2x Y/C (4-Pin Mini-DIN), 1x Component YUV/YPbPr (3x BNC)

SYSTEM MANAGEMENT

Interface: 10/100Base-T 802.3 Ethernet
Supported Protocols: TCP/IP, SNMP v3