



**To: NKK Authorized Distributor/Representative**

**Date: 12/21/2022**

**Re: New Product Announcement: SmartDisplay™ IS-71006-1 System**

NKK is pleased to announce a new offering from the outstanding programmable IS Series. The IS-71006-1 System is comprised of an Intelligent Controller that utilizes SmartDisplay LCD 64 x 32 switches with a standard logic board and accessories. This system enhances HMI and simplifies the user's management and usability. The following table describes the contents of the IS-71006-1 System.

Product Category - Human Machine Interface (HMI)		
Part Number	Quantity	Part Description
IS-C32G1	1	Switch Controller that supports up to 32 SmartDisplay LCD 64 x 32 switches, with two banks driving up to 16 switches
IS-L16G2-CS	1	Logic Board: 4 x 4, LCD 64 x 32 RGB. Switch IS15EBFP4RGB-09YN, 16 switches. Side-by-side stackable. Switches are mounted on the socket.
ISDCB824	1	24" Ribbon Cable, 14 Conductors, 28 AWG, .050"
IS-USB1	1	Cable, USB 2.0, A to Mini B, 6'
IS-SERIAL-CABLE	1	RS232 Serial Cable with Adaptor, DB9S to RJ11
IS-POWER SUPPLY-9V-2.1	1	Power Supply
IS-PCA01	1	Power Cable Adaptor
IS-PC01-12	1	Cable, Power, Two Positions, 12" long, CN2560

#### General Specifications

**Power Requirement:** 6.5V to 12V. Maximum Current is 170mA without Switches; 900mA with 32 Switches

**Intelligent Controller Board Dimensions:** 3.6" x 3.0" (91.44mm x 76.2mm)

**Logic Board Dimensions:** 4.4" x 3.67" (111.76mm x 93.22mm). Height of Switch with Socket: 1.05" (26.67mm)

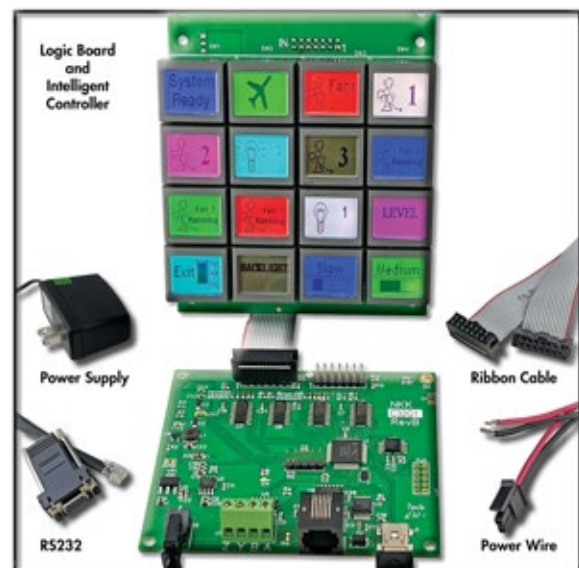
**Mounting Hole Dimension:** 0.125" (3.175mm)

**Operating Temperature Range:** -20°C ~ +70°C (-4°F ~ +158°F)

#### Applications

- Test & Measurement Equipment
- Factory Automation Control
- Commercial Building Access Control
- Industrial Application Monitoring & Control
- Computer Keypad
- Broadcasting
- Simulation
- Robotics
- Gaming

#### IS-71006-1 System



**For more information, please contact**

**NKK Customer Service at [CustomerService@nkkswitches.com](mailto:CustomerService@nkkswitches.com) or call 480.991.0942**