

Specifications



Model	nDAS6000	nDAS6017	nDAS6050	nDAS6051	nDAS6056	nDAS60XX-OLED	nDAS60XX-WIFI
Ordering Information	P/N: 10ND0600000X0	P/N: 10ND0601700X0	P/N: 10ND0605000X0	P/N: 10ND0605100X0	P/N: 10ND0605600X0	Please Contact Us	P/N: 10ND0060000X0
Description	Gateway	8x AI (24 Bit ADC)	8x DI & 8x DO	16x DI	16x DO	Graph and Text Display 128 x 128	IEEE802.11 a/b/g/n/ac Wi-Fi
AI(Isolation)		Voltage: ±150mV, ±500mV, ±1V, ±5V, ±10V(Default) Current: ±20mA, 0 to 20mA, 4 to 20mA (DIP Switch)					
DI(Isolation)			Wet Contact: - Logic 0: 0 to ±3V DC - Logic 1: ±10 to ±30V DC	Wet Contact: - Logic 0: 0 to ±3V DC - Logic 1: ±10 to ±30V DC			
DO(Isolation)			NPN (Sink), 30VDC, 500mA		NPN (Sink), 30VDC, 500mA		
Power	Isolation, DC 9 to 30V						
Networking	RS-485, Dual-LAN (DHCP/Static), Daisy-Chain, Ring, WIFI (Option)						
Operation Temperature	Wide Temp. -25 to 70°C, 95% RH (OLED and WIFI only 0 to 50°C)						
Protocol	REST API, TCP/IP, Modbus RTU/TCP, OPCUA, SNMP, SECS/GEM Equipment, Line, WeChat, Mail, Teams, SQL Client						
Modbus RTU/TCP Converter	Modbus TCP and RTU for Address Mapping						
Data to Log/Cloud	Local Data log, Data Log to Cloud Storage (Google Drive, Dropbox, One Drive), Azure, AWS S3/IoT, Private Server (TCP)						
VIC-Flow	Function Condition and Function block Operators, Sample Dashboard						



NexAloT nDAS Smart I/O Solutions

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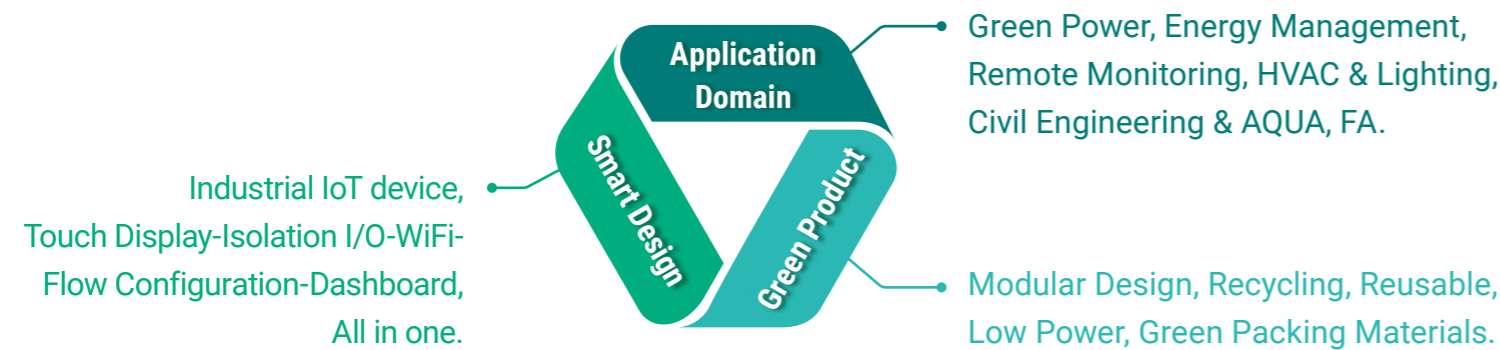


NexAloT Website

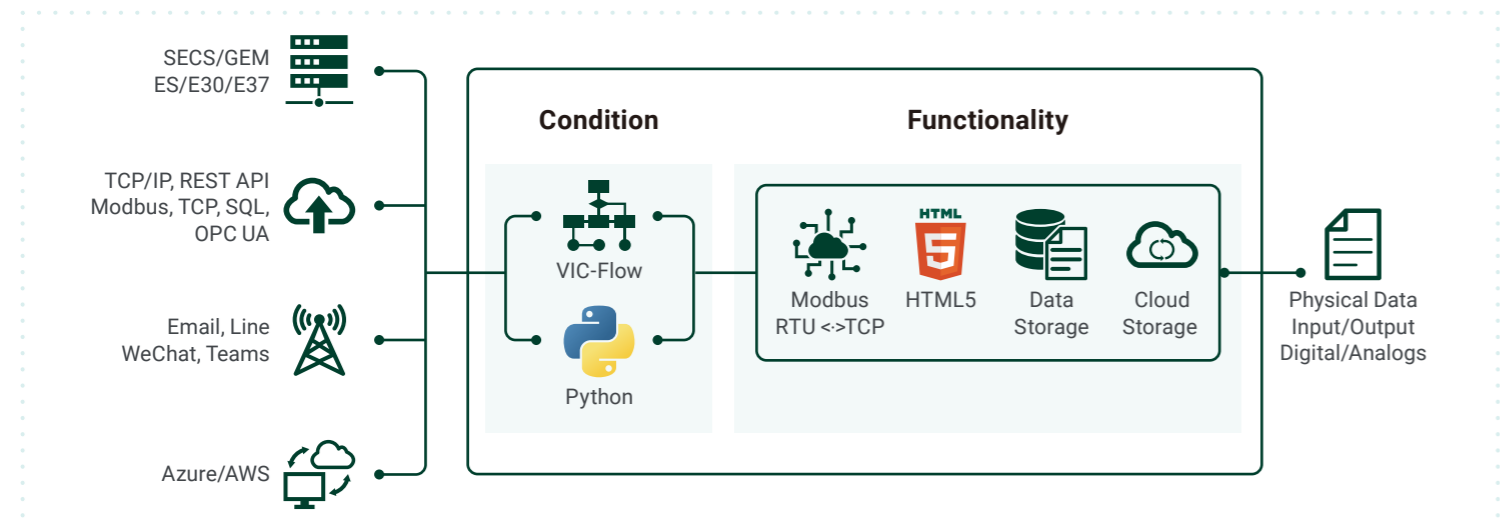
# nDAS Born for remote IoT applications



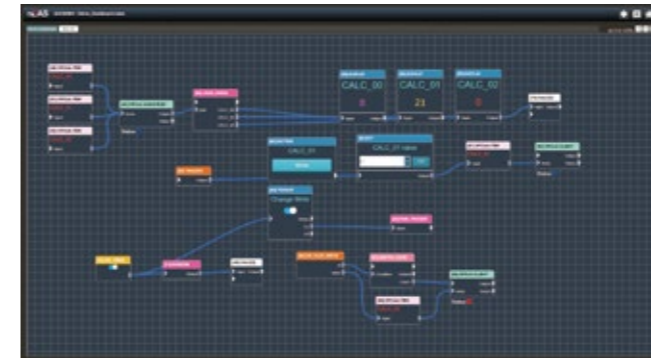
nDAS is designed to meet for the new generation IoT smart control device. It can be adapted into various of remote monitoring applications, such as green energy, building automation, smart home & smart agriculture. With built-in VIC-Flow and Python's function block, nDAS can perform an ideal smart IoT without engineering efforts.



## Building Block



## Built-in VIC-Flow Configuration Tool



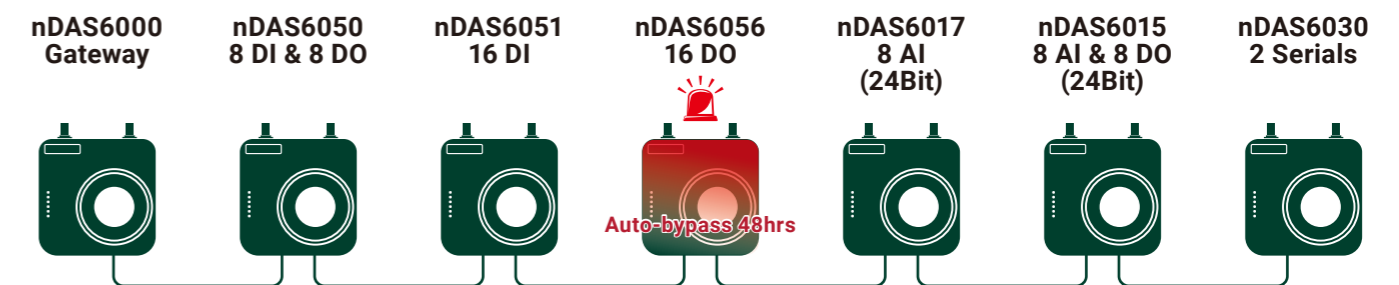
nDAS has built-in VIC-Flow, which is as simple as a flow chart. You can quickly program the data flow by dragging and dropping. VIC-Flow provide many functional blocks. If functional blocks are not enough for you, you can use Python to create user-defined blocks. And combined with Open Libraries, VIC-Flow has higher flexibility.

## Built-in IoT Dashboard on HTML5 Web Browser



VIC-Flow includes an integrated Dashboard featuring straight forward Display, Step Chart, Line Chart, Gauge, Button, Indicator, and various other display interfaces. This enables you to effortlessly establish a streamlined version of a situation room without the need for a PC or server.

## Daisy Chain Auto-Bypass Protection



nDAS supports Daisy chain connectivity, offering flexible cabling and space-saving capabilities. In the Daisy chain configuration, nDAS support additionally the auto-bypass function, it prevents accidental power failure or any unexpectedly shuts down of the module. nDAS can also be configured as a dual LAN or Ring network mechanism, allowing you to customize settings according to your specific needs.

## Remote Small-Scale Equipment

### User Friendly Operation

- ♦ Engineering-Free  
- Build-in VIC-Flow, which is as simple as a flow chart.
- ♦ Cost Effective  
- Leverage open cloud APP, just set an account and password to run.
- ♦ Remote Configuration and Monitoring  
- Supports HTML5 and dashboard, easy configuration and cross-platform mechanism.
- ♦ Full Spectrum I/O Modules  
- Rich I/O and modular design, provide diverse product choices to meet any usage scenario.

