

Network Communication Unit NU/DL Series



For standard certification and conformance list, see our website.
www.keyence.com.sg/products/certified/

ASK KEYENCE

www.keyence.com.sg/ASKG



FREE DOWNLOAD

www.keyence.com.sg/DLG

Free downloads for product and technical support are readily available in one convenient location

Connects sensors to various networks

Sensors can be connected to various networks necessary for FA. It is possible to read out measurement data from controllers of higher models and to change settings.

EtherNet/IP™ EtherCAT®

CC-Link DeviceNet™

EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

Supports KV sensor network NU-EP1/DL-EP1

These units support KV sensor network. Only simple settings enable connection with KEYENCE PLC, KV-7000 Series, KV-5000/3000 Series. With a touch panel, you can change monitors and settings, and back-up and restore settings without programs.



KV
SENSOR
NETWORK
EtherNet/IP™

More user-friendly due to remote controlling method

“Status monitoring”, “Settings”, and “Change” can be performed with touch panel and PC

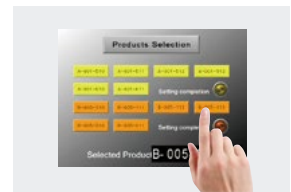
Monitoring

The present status of sensors can be monitored with PCs and touch panels, which allows prevention of trouble by finding abnormality, and analysis with data logging.













Process changeover (Rewriting of setting value)

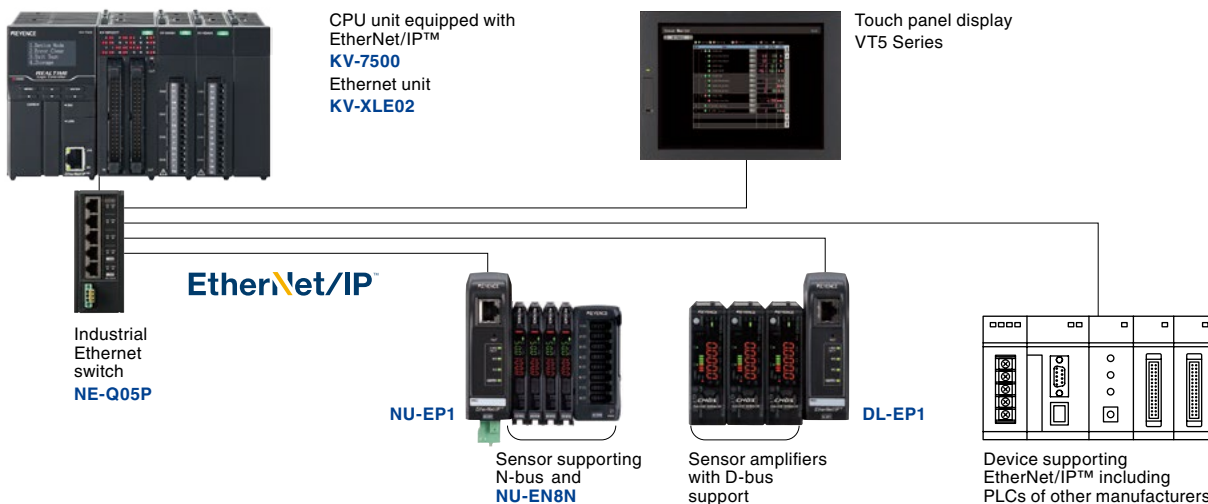
Operating hours for process changeover can be reduced by rewriting setting values of sensors from PCs and touch panels.



Lineup

Series	Model	Appearance	Network	Supported sensor series	KV sensor network support
NU Series	NU-EP1		EtherNet/IP™	Fibreoptic Sensors: FS-N Laser Sensor: LV-N Photoelectric Sensors: PS-N TOF Laser Sensor: LR-T* Full-Spectrum Sensor: LR-W* * MU-N is required	◎
	NU-EC1		EtherCAT®		—
	NU-CL1		CC-Link		—
	NU-DN1		DeviceNet™		—
DL Series	DL-EP1		EtherNet/IP™	Digital Contact Sensor: GT2/GT CMOS Multi-Function Analogue Laser Sensor: IL Multi-Purpose CCD Laser Micrometer: IG Laser Thrubeam Sensor: IB	◎
	DL-EC1A		EtherCAT®		—
	DL-CL1		CC-Link		—
	DL-DN1		DeviceNet™		—
	DL-RS1A		RS-232C		—
	DL-RB1A		BCD		—

System Configurations



The KV sensor network enables programmeless connection of the KEYENCE PLC (KV-7000 Series/KV Nano Series) over EtherNet/IP™, and allows the implementation of various applications including the backup and writing of settings.