

TOSHIBA nV – light Series

Series	Type 1 light S	Type 1 light H	Type 1 light D
Main Use	PLC	PLC	PLC
Model	Standard Sequence	High-Performance	Redundant Sequence
Control system		Stored program cyclic scan system	
Processor	Control processor		32 bit general purpose processor
	Language processor		Exclusive language processor [LP]
Execution method	Scan method	Ultrafast scan	1-500 ms [1ms unit]
		High-speed scan	1-500 ms [1ms unit]
	Main scan	Floating scan	Selectable
		Scheduled scan	1-1000 ms [1ms unit]
Input/output system		Batch input/output: Yes [only MS task synchronized], direct input/output: Yes	
Program languages		LD [ladder diagram], FBD [function block diagram], SFC [sequential function chart], ST [structured text]	
System configuration		Single	
RAS function	Diagnosis		Battery check, I/O non-sync, I/O parity check, I/O package check, Language processor function check, unauthorized order detection, WDT, peripheral LSI check, etc.
	Surveillance		Logs [error log, event log, transmission event log], Program execution time measurement, program congestion detection
	Debugging & maintenance		Program monitor, data tracing, input/output force