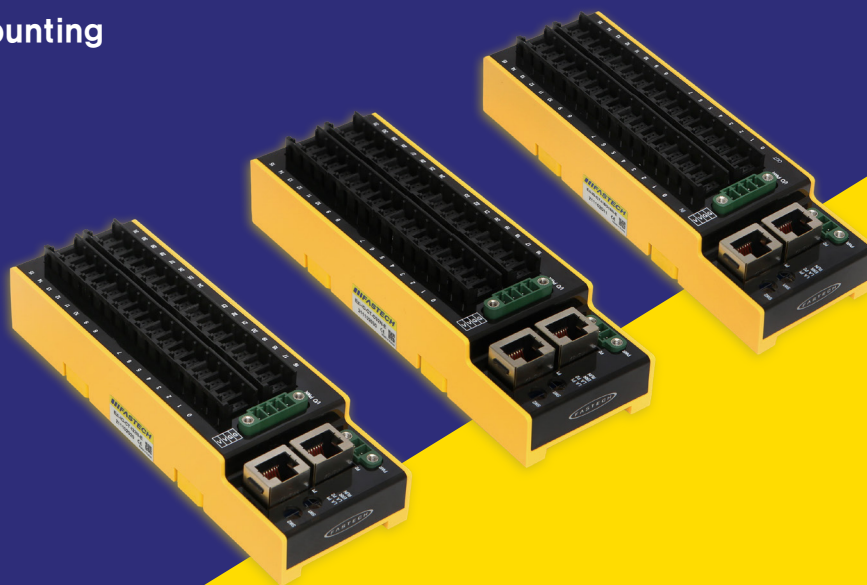


- CC-Link IE TSN based Digital I/O Module
- CC-Link IE TSN authentication class B
- Digital filter for each input point
- Simple and Easy Wiring
- DIN rail mounting

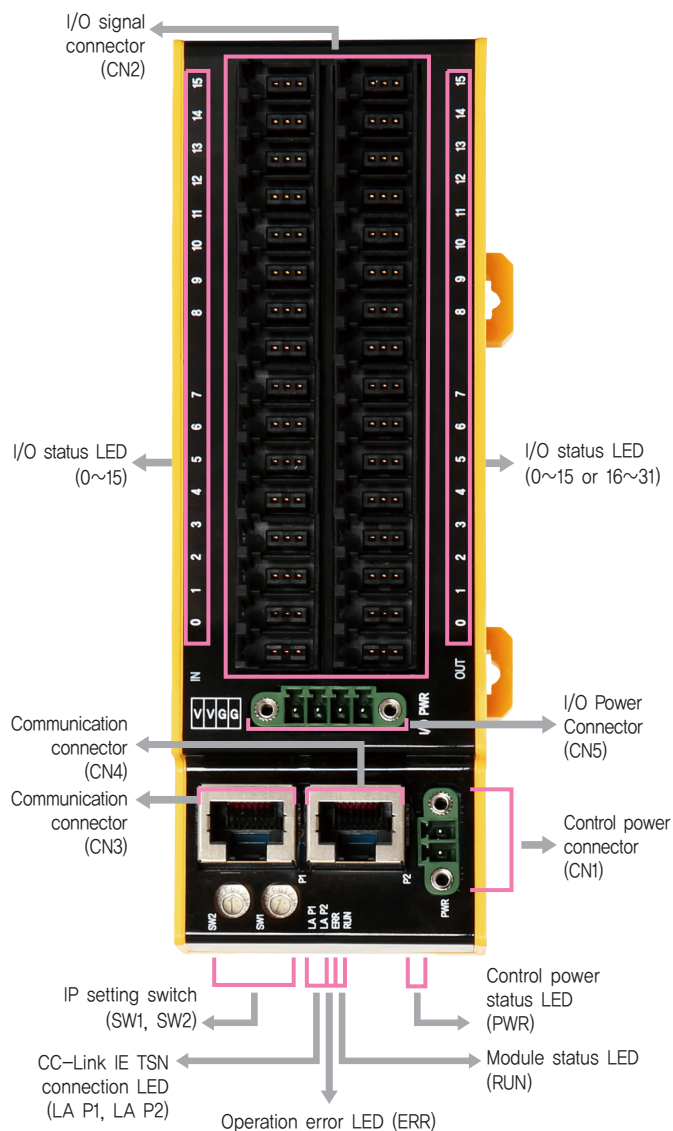


### Module Specification

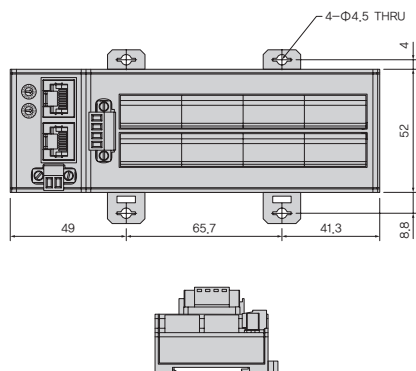
\*Picture of Model : From left to right I32N-E, O32N-E, I16O16N-E

Model		Ezi-IO-CT-I32N-E	Ezi-IO-CT-O32N-E	Ezi-IO-CT-I16O16N-E
Input Voltage		DC24V±10%		
Operation Condition	Ambient temperature	<div><div></div><div>In Use : 0~50℃</div><div>In Storage : -20~70℃</div></div>		
	Humidity	<div><div></div><div>In Use: 35~85% RH (Non-Condensing)</div><div>In Storage: 10~90% RH (Non-Condensing)</div></div>		
	Vibration Resistance	0.5g		
Function	Input	Number of Input Channels	32CH	16CH
		Rated Input Voltage	DC24V	DC24V
		Rated Input Current	5mA/CH	5mA/CH
		Isolation Method	Photocoupler Isolation	Photocoupler Isolation
		Common Method	16CH/COM	16CH/COM
		Input Filter	Max, 40ms(Filter Resolution: 200μs)	Max, 40ms(Filter Resolution: 200μs)
		Off→On Response Time	10μs or lower	10μs or lower
		On→Off Response Time	70μs or lower	70μs or lower
	Output	Number of Output Channels	32CH	16CH
		Rated Output Voltage	DC24V	DC24V
		Rated Output Current	0.5A/CH (3A/COM)	0.5A/CH (3A/COM)
		Isolation Method	Photocoupler Isolation	Photocoupler Isolation
		Common Method	16CH/COM	16CH/COM
		Off→On Response Time	4μs or lower	4μs or lower
		On→Off Response Time	190μs or lower	190μs or lower
LED Display		<div><div></div><div>PWR : Power Status</div><div>RUN : Module Status</div></div> <div><div></div><div>ERR : Operation Error</div><div>LA P1, LA P2 : CC-Link IE TSN Connection</div></div>		
		Input 0~31 Status	Output 0~31 Status	Input 0~15 / Output 0~15 Status
CC-Link E TSN	Station Type	Remote Device		
	Authentication Class	Class B		
	Transmission Speed / Interface	1 Gbps / 2×RJ45 Connector		
	Cable	STP (Shield Twist Pair) Cable, Category 5e or higher, Max 100m		

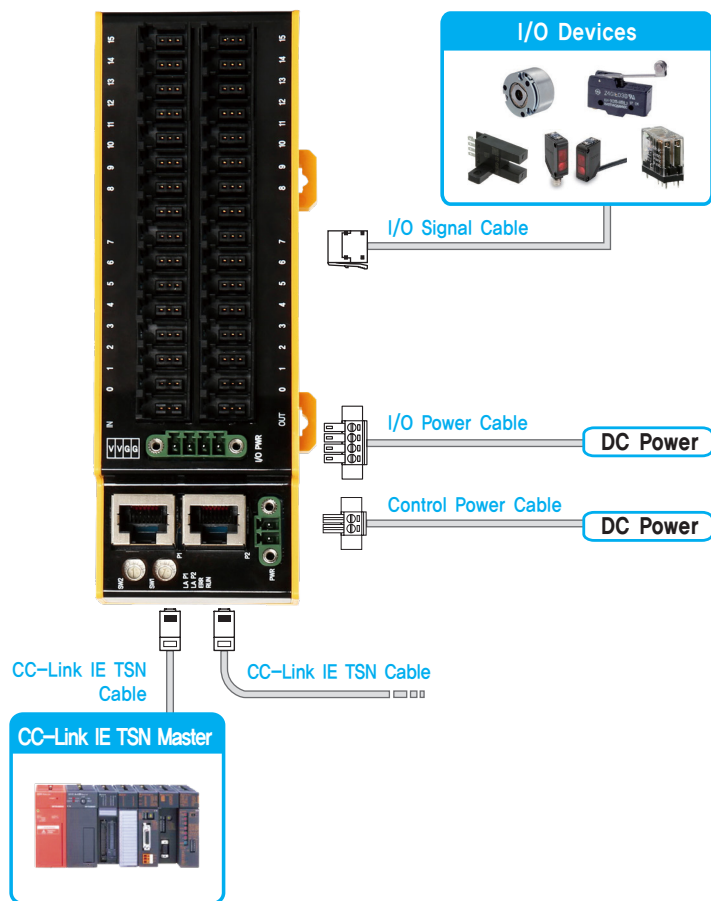
## ■ Module Overview



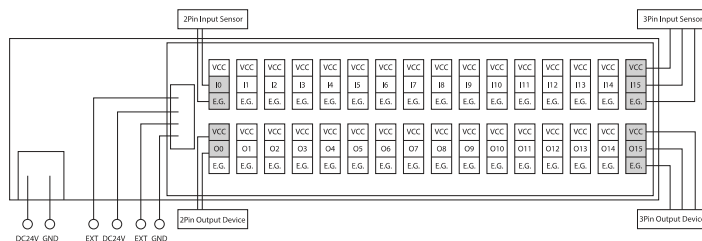
## ■ Module Dimension



## ■ System Configuration



## ■ Wiring Example(Ezi-IO-CT-I16016N-E)



*Fast, Accurate, Smooth Motion*

\* Product information in this catalog based on date of Sep 2022.  
The specification of product can be changed without pre-notification due to enhancements and improvements of product.

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