



## Features:

- Support two standard RS232/485
- Support MPG Hand-wheel
- Support 4x4 Keypad
- Support LCM
- Internal Monitoring Hardware Information
- EtherCAT Conformance test tool verified
- Operating Temperature -20 to +70 °C

## Specifications

General	
Connector	UART port x2 (D-Sub 9-pin)/MPG Hand-wheel connector
Interface	Keypad (4x4)/LCM (2 lines, 16 characters per line)
Protocol	EtherCAT
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Power Connector	4-pin Power Input/Output & 2-pin FGND
Power Requirement	+19 to +50VDC Power Input (Typ. +24VDC@140mA)
Power Consumption	1.2W
LED Indicator	PWR, RUN, LINK, ERROR, TX/RX/MPG/KEYPAD/LCM status
Certifications	CE, FCC, VCCI
Hardware	
Operating Temperature	-20 to +70 °C
Dimension	107.45 x 66 x 30mm (Without DIN-Rail)
Weight	230g
Installation	DIN rail
Internal Monitoring	Temperature, Voltage, Current, Startup time
Serial Ports	
Channels	2
Interface Mode	RS232/RS485
Data transfer rate (bps)	2400,4800,9600,14400,19200,38400,57600,115200
Data width (bit)	5/6/7/8
Hardware Flow Control	CTS/RTS
HandWheel MPG	
Control Axes	Quadrature A/B Phase with axes selection
Input	Jog and federate override
Keypad	
Matrix	4x4
LCM	
LCD Module	2 lines, 16 characters per line

## Ordering Information

QEC-R00HU9S-N	EtherCAT Slave HID Module (MPG + Keypad + LCM + RS232/485×2)
QEC-R00HU9S-C	EtherCAT Slave HID Module (MPG + Keypad + LCM + RS232/485×2)(board with coating)
QEC-R11HU9S-N	EtherCAT Slave HID Module (MPG + Keypad + LCM + RS232/485×2)/PoE

\* For detailed ordering information, please contact our sales staff or view the user manual.

## Dimension

