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HW Master

x EtherCAT

- ECAT XML Parser
 - XML Parser
- ECAT Network Configuration
 - GUI Network Configuration
 - XML Slave Device Description Import
 - XML Network Configuration Export
- ECAT Application Layer Features
 - FMMU Logical Memory Mapping
 - SDO(Service Data Object-)
 - PDO(Periodic Data Object-)
 - CoE(CAN over EtherCAT), FoE(FTP over EtherCAT)
 - DC(Distributed Clock)

- 100Mbps
- 0.1 ~ 50msec
 - 64 , 0.5msec
- 1,500Bytes
 - 2 Core 1 3,000Bytes 가
- 가 Slave
 - 65,535
- 100m
- Topology
 - Line Topology
 - Daisy Chain Topology
 - Daisy Chain with Branches Topology
 - Tree Structure Topology
 - Star Topology

- 가
 - Trapezoidal 가
 - S-Curve 가
 - 가
 -
- - 32
 -
 - 8
 - 4
 - 32
 - 가
- (Listed Motion)
 - (Listed Motion) :
 - 32 Kbytes
 -
- - (Round)
 - (Soft Landing)
 - (Slip) / (Backlash)
 -
 - Triangular Speed
 - 100us PID

- - Max 64
- - Max 32
- - Max 8
- -
- Command Position
 - 32 (-2,147,483,684 ~ 2,147,483,647)
- - 가
- - 32 (32)
- - 32Kbytes
- - 0.1 ~ 1msec

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Last update: **2024/07/08 18:22**