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| 通讯方式 | 传输速率 | 传输距离 | 网络结构 | 通讯协议 | 开发公司 |
| CAN | 5K—1Mbps | 10km | 主Master从Slave式 | CAN-bus | 德国博世Bosch,1993 |
| RS-485 | 300—9.6kbps | 1.2km | 手拉手 | 无统一协议，多用Modbus | 法国施耐德Schneider,1979 |
| USB | USB2.0 480Mbps(60MB/s) | 5m | 点对点？ | USB 2.0 等 | 康柏COMPAQ、IBM、英特尔Intel和微软Microsoft,1996 |

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| CAN总线RJ45和DB9接口引脚定义 | | |
|  | RJ45 | DB9 |
| CAN\_H | 1 | 7 |
| CAN\_L | 2 | 2 |
| GND | 3 | 3 |
| VCC | 8 | 9 |
| SHIELD | SHIELD | SHIELD |

|  |
| --- |
| 485总线引脚定义 |
| A |
| B |
| GND |
| VCC |

|  |  |
| --- | --- |
| USB引脚定义 | |
| 颜色 | 定义 |
| 红 | VCC |
| 绿 | DATA+ |
| 白 | DATA- |
| 黑 | GND |