

## Sommario

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## Devices

### Cosa sono i devices

Con il termine device si identifica una categoria di oggetti software, pronti all'uso in un progetto Qview, atti a svolgere attività di supporto e di controllo, più o meno complesse, per risolvere le problematiche legate all'automazione dei sistemi.

Ogni tipo di device può essere replicato in più copie all'interno di un singolo progetto assegnando a ciascuno un nome identificativo diverso. Possono essere abilitati o disabilitati da programma. Possono utilizzare risorse hardware in comune tra loro.

### Devices disponibili

- [ABSCNT](#)
- [ANINP](#)
- [ANINP2](#)
- [ANPOS](#)
- [ANPOS2](#)
- [CALENDAR](#)
- [CAMMING2](#)
- [CAMMING3](#)
- [CAMMING4](#)
- [CANOPEN](#)
- [COUNTER2](#)
- [COUNTER3](#)
- [DAC](#)
- [DATACELL](#)
- [DATASTORE](#)
- [EANPOS](#)
- [EPICPOS](#)
- [FREQ](#)
- [GEAR](#)
- [HEAD2](#)
- [HMI](#)
- [HMI2](#)
- [INTERP](#)
- [JOINT](#)
- [MMIQ](#)
- [MMIQ2](#)
- [MODBUS](#)
- [OOPOS2](#)
- [OOPOS3](#)
- [QMOS](#)
- [RECDATA](#)
- [SERCOM](#)

- [ETHERCAT](#)



→ aggiungere qui pagina con spiegazione device per Ethercat

| Instrument | Hardware level | Firmware version | ABSCNT | ANINP | ANPOS2 | CALENDAR | CAMMING3 | CANOPEN | COUNTER3 | DAC | DATACELL | DATASTORE | EANPOS | ETHERCAT | FREQ | GANTRY | GEAR | HEAD | HEAD2 | HMI | HMI2 | INTERP | JOINT | MMIQ | MMIQ2 | MODBUS | OOPOS3 | QMOS | RECDATA | SERCOM |
|------------|----------------|------------------|--------|-------|--------|----------|----------|---------|----------|-----|----------|-----------|--------|----------|------|--------|------|------|-------|-----|------|--------|-------|------|-------|--------|--------|------|---------|--------|
| D221       | A              | 01               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           | ✓      |          | ✓    |        |      |      |       | ✓   |      |        |       |      |       |        |        | ✓    |         |        |
|            |                | 02               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           |        |          | ✓    |        |      |      |       | ✓   |      |        |       |      |       |        |        |      |         |        |
|            |                | 03               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           |        |          | ✓    |        |      | ✓    |       | ✓   |      |        |       |      |       |        |        |      |         |        |
| D231       | B              | 02               |        | ✓     |        |          | ✓        |         | ✓        | ✓   |          |           | ✓      |          | ✓    |        |      |      |       | ✓   |      |        |       |      |       | ✓      |        |      | ✓       |        |
|            |                | 01               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           | ✓      |          | ✓    |        |      |      |       | ✓   |      |        |       |      |       |        |        |      |         |        |
| D983       | A              | 01               |        | ✓     |        | ✓        |          |         | ✓        | ✓   |          |           | ✓      |          | ✓    |        |      |      |       |     |      |        |       |      |       |        |        | ✓    |         |        |
|            |                | 02               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           |        |          | ✓    |        |      |      |       |     |      |        |       |      |       |        | ✓      |      |         |        |
|            |                | 03               |        | ✓     |        |          |          |         | ✓        | ✓   |          |           |        |          | ✓    |        |      |      | ✓     |     |      |        |       |      |       |        | ✓      |      |         |        |
| R100       | C              | 10               |        | ✓     |        | ✓        |          | ✓       | ✓        | ✓   | ✓        |           |        |          | ✓    |        |      |      | ✓     |     |      |        |       |      | ✓     |        |        |      |         |        |
| R201       | A              | 01               |        | ✓     |        |          |          |         | ✓        | ✓   | ✓        |           | ✓      |          | ✓    |        |      |      |       |     |      |        |       |      |       |        |        | ✓    |         |        |
|            |                | 02               |        | ✓     |        |          |          |         | ✓        | ✓   | ✓        |           |        |          | ✓    |        |      |      |       |     |      |        |       |      |       |        |        |      |         |        |
|            |                | 03               |        | ✓     |        |          |          |         | ✓        | ✓   | ✓        |           |        |          | ✓    |        |      | ✓    |       |     |      |        |       |      |       |        |        |      |         |        |

|        |   |    |   |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |  |  |   |   |   |   |   |
|--------|---|----|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|--|--|---|---|---|---|---|
| R401   | B | 10 | ✓ | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   |   | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  | ✓ |   | ✓ | ✓ | ✓ |
| R502   | B | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   |   | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   |   | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   |   | ✓ | ✓ | ✓ |
| J1-P20 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| J1-P11 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| J1-P31 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| J1-P44 | F | 10 | ✓ | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| J1-P51 | F | 10 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| J1-P71 | F | 10 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| J1-P74 | F | 10 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| J1-K11 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| J1-K31 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| C1-R11 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| C1-R20 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| C1-R44 | F | 10 | ✓ | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 | ✓ | ✓ | ✓ | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
| C1-R31 | F | 10 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 20 |   | ✓ |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |
|        |   | 30 |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  | ✓ | ✓ |  |  |  |  |   | ✓ | ✓ | ✓ | ✓ |

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