The iVY2 unit adds robot vision to the RCX340 robot controller.

**Model**
- CCD camera
- Camera trigger input cable connector
- 24V power supply connector

**Options**
- **CCD camera**
  - Model: KX0-M57K-00
  - Model: KX0-M58K-00
- **Lens**
  - 8 mm: KCX-M7214-00
  - 12 mm: KCX-M7214-10
  - 16 mm: KCX-M7214-20
  - 25 mm: KCX-M7214-30
  - 8 mm (megapixel report): KCX-M7214-40
  - 12 mm (megapixel report): KCX-M7214-50
  - 16 mm (megapixel report): KCX-M7214-60
  - 25 mm (megapixel report): KCX-M7214-70
- **Close-up ring**
  - 0.5 mm: KCX-M7215-00
  - 1.0 mm: KCX-M7215-10
  - 2.0 mm: KCX-M7215-20
  - 5.0 mm: KCX-M7215-30
- **Program box**
  - Model: KX0-M6214-00
- **Camera cable**
  - Model: KCX-M66F0-00
  - Model: KCX-M66F0-10
  - Model: KCX-M66F0-20
  - Model: KCX-M66F0-30
  - Model: KCX-M66F0-40
  - Model: KCX-M66F0-50

**Support software for PC iVY2 Studio**
- This software is support software for the iVY2 system that allows registering part types and reference marks as well as monitoring the work search status during automatic robot operation by connecting to the robot controller.

**Support software for PC iVY2 Studio**
- Model: KX0-M4400-L0
- Model: KX0-M4400-V0
- Model: KCX-M7214-70
- Model: KCX-M7214-60
- Model: KCX-M7214-50
- Model: KCX-M7214-40
- Model: KCX-M7214-30
- Model: KCX-M7214-20
- Model: KCX-M7214-10
- Model: KCX-M7214-00

**System configuration illustration**
- Programming box
- iVY2 unit
- Software (Ivy Studio)
- Camera
- Lighting
- Encoder
- Tracking board
- Monitoring

**Camera**
- Model: KCX-M7214-50
- Model: KCX-M7214-40
- Model: KCX-M7214-30
- Model: KCX-M7214-20
- Model: KCX-M7214-10
- Model: KCX-M7214-00

**Lens**
- 8 mm lens (megapixel support)
- 12 mm lens (megapixel support)
- 16 mm lens (megapixel support)
- 25 mm lens (megapixel support)

**Dimensions**
- CCD camera: 4 mm depth x (Top and bottom side)
- 17 mm depth x (Top and bottom side)
- 44 1/2 mm (Cmount)
- 44 1/2 mm (C-mount)
- 44 1/2 mm (O-D mount)
- 44 1/2 mm (M mount)
- 44 1/2 mm (C-mount)
- 44 1/2 mm (O-D mount)
- 44 1/2 mm (M mount)

**Accessories and part options**
- Tripod depth 5 (Top and bottom side)
- Tripod depth 6 (Top and bottom side)
- Tripod depth 7 (Top and bottom side)
- 18 mm depth x (Top and bottom side)
- Tripod depth 8 (Top and bottom side)
- Tripod depth 9 (Top and bottom side)
- 24 mm depth x (Top and bottom side)
- 30 mm depth x (Top and bottom side)
- 36 mm depth x (Top and bottom side)

**Environmental**
- OS: Microsoft Windows XP / Vista (32-bit / 64-bit)
- OS: Windows 7 (32-bit / 64-bit)
- OS: Windows 8, 8.1 (32-bit / 64-bit)
- CPU: Supports that meet or exceed the suggested requirements for the OS being used.
- Memory: Suggested amount of memory or more for the OS being used.
- Hard disk capacity: 14 MB of available space required on installation drive.
- Display: 1280 x 966 (SXGA)
- 800 x 600 dot, or higher, 32768 colors (16 bit High Color) or higher (recommended)

**Connections**
- Connections to the STD.DIO, ACIN, and SAFETY control board option is selected.
- Connections to the STD.DIO, ACIN, and SAFETY control board option is selected.
- Connections to the STD.DIO, ACIN, and SAFETY control board option is selected.

**Support software for PC iVY2 Studio**
- Model: KCX-M4088-00
- Model: KCX-M4090-L0
- Model: KCX-M4090-V0
- Model: KCX-M4090-T0
- Model: KCX-M6214-00
- Model: KCX-M6214-10
- Model: KCX-M6214-20
- Model: KCX-M6214-30
- Model: KCX-M6214-40
- Model: KCX-M6214-50
- Model: KCX-M6214-60
- Model: KCX-M6214-70

**Software**
- iVY2 Studio