

Accessories and part options

Standard accessories

● iVY2 unit

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

Model	No lighting
	KCX-M4400-V0
	With lighting
	KCX-M4400-L0



● Support software for PC iVY2 Studio

iVY2 Studio 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.



Model KCX-M4988-00

■ Environment

OS	Microsoft Windows XP / Vista (32 bit / 64 bit) / 7 (32 bit / 64 bit) / 8, 8.1 (32 bit / 64 bit)
CPU	Processor that meets or exceeds the suggested requirements for the OS being used.
Memory	Suggested amount of memory or more for the OS being used.
Hard disk capacity	16MB of available space required on installation drive.
Display	800 x 600 dot, or higher. 32768 colors (16bit High Color) or higher (recommended)
Communication Port	Ethernet Port of TCP/IP

* Microsoft, Windows XP, Windows Vista, Windows 7, Windows 8, 8.1 are registered trademarks of the Microsoft Corporation, USA.

* Ethernet is a registered trademark of the XEROX Corporation, USA.

• iVY2 unit accessories

Camera trigger input cable connector

Model KX0-M657K-00

24V power supply connector

Model KCF-M5382-00

Options

● CCD camera



Model	300,000 pixel	648 × 494 (VGA)	KCX-M6541-00
	1,300,000 pixel	1280 × 966 (SXGA)	KCX-M6541-10
	2,000,000 pixel	1624 × 1236 (UXGA)	KCX-M6541-20

* 5-megapixel camera: Support planned for March 2016

● Lens



Model	8 mm	KCX-M7214-00
	12 mm	KCX-M7214-10
	16 mm	KCX-M7214-20
	25 mm	KCX-M7214-30
	8 mm (megapixel support)	KCX-M7214-40
	12 mm (megapixel support)	KCX-M7214-50
	16 mm (megapixel support)	KCX-M7214-60
	25 mm (megapixel support)	KCX-M7214-70

● Lighting control board

This board adds lighting control functionality to the iVY2 system. (Installed in the iVY2 unit when shipped)

Model KCX-M4403-L0

• Lighting control board accessories

Lighting power cable connector

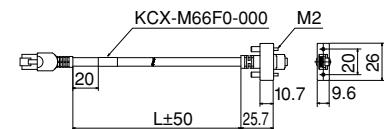
Model KX0-M657K-10

● Camera cable

Cable for connecting the camera to the iVY2 board.

Model	5 m	KCX-M66F0-00
	10 m	KCX-M66F0-10
	15 m	KCX-M66F0-20

External diagram of camera cable



● Close-up ring



Model	0.5 mm	KX0-M7215-00
	1.0 mm	KX0-M7215-10
	2.0 mm	KX0-M7215-20
	5.0 mm	KX0-M7215-30

● Tracking board

This board adds conveyor tracking functionality to the RCX340 controller.

Model KCX-M4400-T0

• Tracking board accessories

AB phase input cable connector

Model KX0-M657K-20

• Recommended option cable*

* Not included.
We can provide an option that is pre-wired to the AB phase input cable connector.

AB phase input cable (10 m, only for counter 1)

Model KX0-M66AF-00

● LAN cable with shield cloth (5 m)

Model KX0-M55G0-00

CCD camera

Dimensional outlines

