

CC-Link IE Field Network Simple Motion Module RD77GF32

November 2016

New Product Release
SV1611-1E

The NEW RD77GF32

and upgraded version of RD77GF4/RD77GF8/RD77GF16



CC-Link IE
Ethernet-based integrated network

■ Extensive Product Lineup

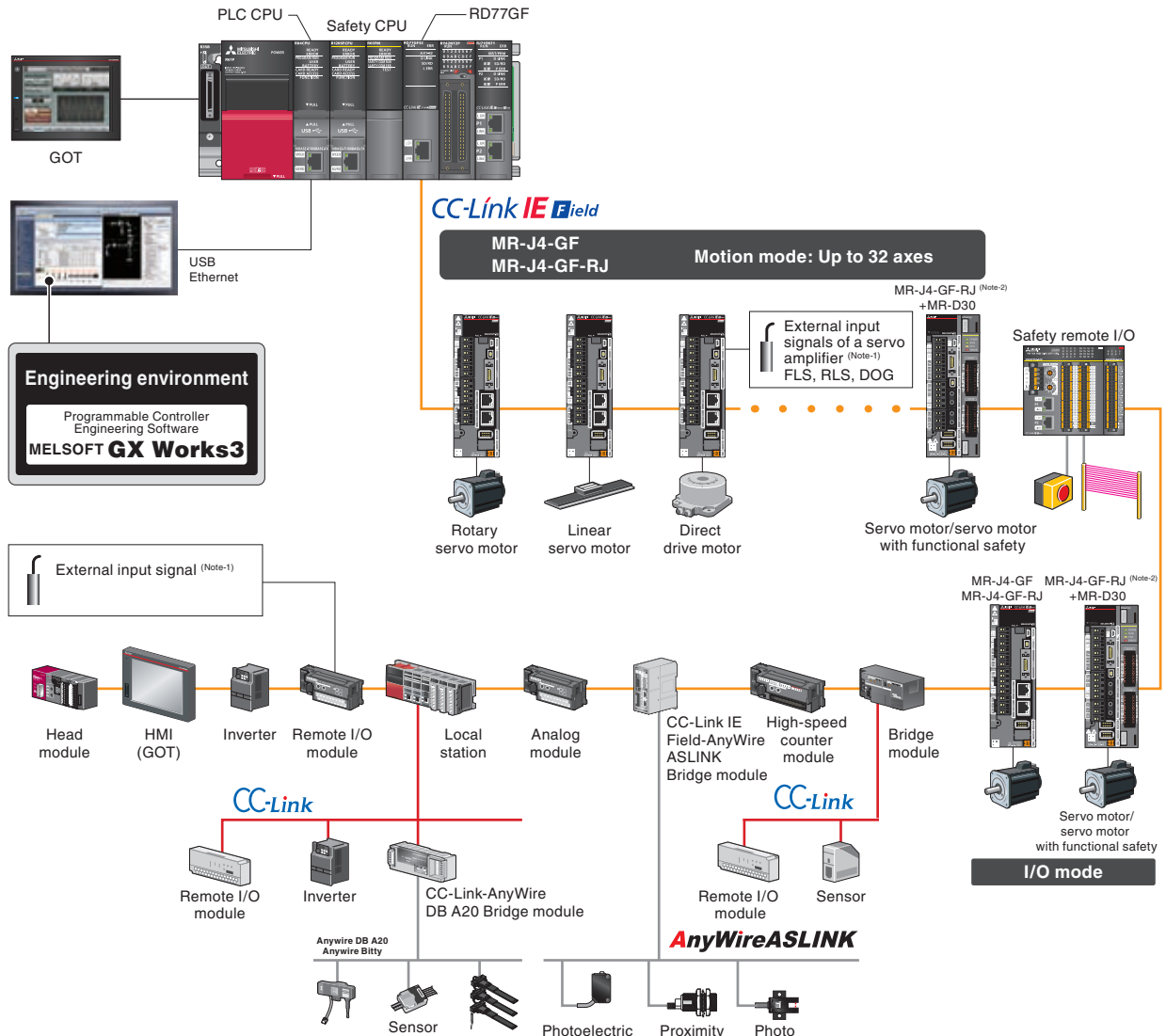
RD77GF4	(4 axes)	UPGRADED
RD77GF8	(8 axes)	UPGRADED
RD77GF16	(16 axes)	UPGRADED
RD77GF32	(32 axes)	NEW

■ Upgraded Functions

- Safety system with MR-D30 functional safety unit
Category 4 PL e, SIL 3 of the safety level is achieved.
- Configuring a safety solution with a safety CPU
- Backup and restore with GOT and PLC CPU
- Automatic detection of CC-Link IE system configuration

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System configuration



(Note-1): An input destination of external input signals (FLS, RLS, DOG, STOP) is changed by parameters.
 (Note-2): GX Work3 is required for safety communications. **Will be supported**

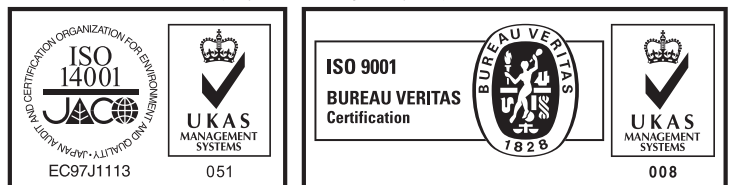
Slave station: Up to 120 stations (including the number of motion mode compatible servo amplifiers)
 (Note): A switching hub is required for star topology.

Item	RD77GF4	RD77GF8	RD77GF16	RD77GF32
Maximum number of control axes (for motion mode)	4 axes	8 axes	16 axes	32 axes
Servo amplifier	MR-J4-GF/MR-J4-GF-RJ			
Operation cycle [ms]	0.5, 1, 2, 4			
Command interface	CC-Link IE Field Network			
Maximum link points per network	Remote input (RX), Remote output (RY)		16k points each (16384 points, 2 kbytes)	
	Remote register (RWw, RWr)		8k points each (8192 points, 16 kbytes)	
Number of I/O occupying points	32 points			64 points
	(I/O allocation: Intelligent function module 32 points)			(I/O allocation: Intelligent function module 64 points)

Safety Warning

To ensure proper use of the products listed in this catalog, please be sure to read the instruction manual prior to use.

Mitsubishi Electric Corporation Nagoya Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems)



MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
 NAGOYA WORKS: 1-14, YADA-MINAMI 5, HIGASHI-KU, NAGOYA, JAPAN