



Press Release

Nippon Chemi-Con Corporation

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“NCM12-FF” – An NTSC Camera Module Delivering Clearer Nighttime Images

CHEMI-CON Corporation announces the launch of NCM12-FF, a new NTSC-compatible camera module designed to deliver remarkably clearer images in nighttime and low-light environments, while keeping existing analog systems unchanged. NCM12-FF is built for customers who want better visibility without modifying wiring, installation space, or system architecture – making it a practical upgrade for a wide range of NTSC-based applications.

Clearer Images Where It Matters Most

NTSC camera systems remain widely deployed in industrial, automotive, and outdoor environments. In these applications, visibility at night is often the most critical performance factor.

CHEMI-CON developed NCM12-FF in direct response to customer feedback calling for improved nighttime clarity without the burden of system replacement.

By leveraging CHEMI-CON’s accumulated expertise in optical design and image sensor control, NCM12-FF significantly enhances image visibility in dark conditions while maintaining full NTSC compatibility.

《e. g. Clearly visible》



NCM12-FF(NTSC output) at 0.2lx



Existing NTSC camera (at 0.2lx)

※An illuminance level of 0.2 lx corresponds to brightness similar to moonlight

《Product Summary》

		Remarks
Product name	NCM12-FF	
Resolution	720 x 486	NTSC
Dimensions	23 x 23 x 28 mm	excluding cable
Waterproof rating	IP67 equivalent	Outdoor and low-light environments

《Manufacturing》

NCM12-FF is manufactured at CHEMI-CON Devices Co., Ltd. Nagaoka Plant in Japan, a wholly owned subsidiary of CHEMI-CON Corporation.

The product is produced under a domestic, automotive-grade quality system, ensuring consistent performance and long-term reliability

《Product Appearance》

