

# AI 안전감시 제어장치

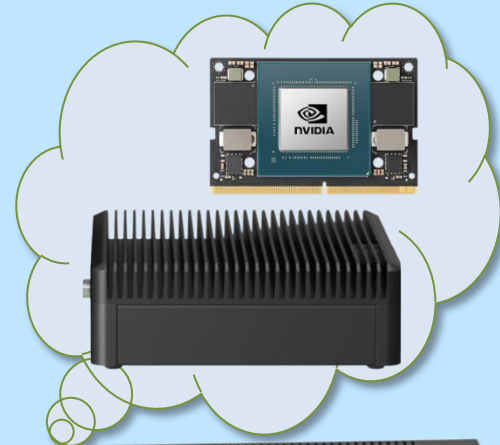
All-In-One Safe Vision  
AI Fool-Proof System

Model: JAVS-2000A

AI Safety Future!!  
with Jeil System Co., Ltd.

## AI Safety Vision Control Unit / JAVS-2000A

- 일체형 AI 안전감시 시스템
- All-In-One AI Safety Fool-Proof System
- NVIDIA Embedded GPU Based System  
CPU: 8-core Arm / 2GHz  
GPU: 1024-core NVIDIA Ampere GPU, 32 Tensor Cores  
NVDLA-v2 / NVDEC 12x 1080p30  
CUDA RTX SDK & NVDEC Codec AI Operation
- 다중 경계구역 설정 및 구동  
Multiple Fault/Alarm Zone Operation
- 설정 구역별 인체/차량 집중 감시  
Safety AI Object Detection
- 안전-비상정지 설정 및 운용  
PLC/HMI Inter-Locking Operation  
(YASKAWA, Siemens, ... with TCP/IP)
- 사용자 추가객체 등록/훈련 지원 (Deep Running)  
User Object DATASET Training (Optional)
- 다중 영상센서/카메라 동시 실시간 감시  
2CH-PoE-Video-Sensor Operation
- 동작/운영 DATA & Image LOG  
Operation LOG Support / History & Images
- Power: 100~230VAC, 1.0A/max
- Temperature: -20 ~ 60°C
- Housing: 600W x 300Hx 450D



JAVS-2000A



## Configure Example for Moving Machines : 2Sets x { 2CH-Camera-Sensor & AI-Safety-Controller }

AI VISION & PLC Fool-Proof System

ST/RC  
E-Room  
PLC

무인자동화  
Fool-Proof  
EMS S/W

4xEA  
JAVS-PT12XD



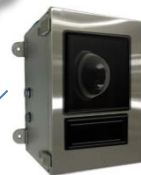
← Front/Forward



2xSets  
JAVS-2000A



Rear/Backward →



# AI 안전감시 제어 장치

All-In-One Safe Vision  
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## AI Safety Vision Sensor Unit / JAVS-PT12XD

- 옥외산업용 비전카메라센서 (적외선 조명일체형)
- Dust Proof AI Vision Camera Sensor Unit
- Image Sensor: 1920x1080 Full HD
- Optical Zoom: Motorized 4.3X / 12X
- Inner Camera Assembly: Hanwha Vision / KOREA
- Auto Day/Night IR Light Included
- Keep Safe UPS Battery Included / PoE Power Failover
- H-264/265 RTSP TCP/IP Protocol Support
- Pan/Tilt/Zoom Onvif/Zeep Protocol Support
- JAVS-2000A AI System Remote Control I/F Compatibles
- Power: PoE(48VDC) & 24VDC/2A
- Temperature: -20 ~ 60°C
- Housing: Outdoor / Dust-Proof / Water-Proof  
SUS / 250W x 330H x 220D



JAVS-PT12XD



## Configure Example for Moving Machines : 2Sets x { 2CH-Camera-Sensor & AI-Safety-Controller }

