TM7050 Visibility Improver

Powered by original computing algorithm "DMNA" based on mathematical methods

1 Outline

- TM7050 improves the visibility of unclear images such as those deteriorated due to weather conditions (snow, haze, or fog), and dark images due to backlight or insufficient light intensity.
- This system is suitable for security, surveillance applications, etc., as well as for improving image recognition rate by AI.

Appearance of TM7050

2 Features

- TM7050 can be used as an add-on to various camera systems.
- The level of visibility improvement can be chosen by the push buttons on the front panel.
- High speed conversion processing provides the improved images with small delay.

DMNA

Before	After

3 Specifications

Input Interface	HDMI
Output Interface	HDMI
Video Format	1920 x 1080 60i / 59.94i / 30p / 29.97p / 24p
Audio Format	Embedded Audio 2ch
Operation Buttons	Four buttons from A to D ・ A to C : Visibility improvement level, H/M/L ・ D : On/Off for pass through output
Power Supply	12VDC, AC adaptor (100V to 240V compliant) attached
Dimension	5.71(W) x 4.18(D) x 2.22(H) inches
Weight	2.29 lbs (Main unit)
Power Consumption	20W (Max.)
Operating Temperature Range	32 to 104 °F

Specification and features are subject to change without prior notice.

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