

VMGB-200

2MP Metadata Camera with Built-in Age, Gender and Emotion detection



- Built-in Age, Gender and Emotion detection
- ARM Dual-core Cortex-A72 + Quad-core Cortex-A53, 2GB
- Independent Graphics Card

► Specifications

Device

Product Type	Metadata Camera
Maximum Resolution	2MP
Product Application	Age, Gender and Emotion detection
Application Environment	Indoor
Description	Based on distributed computing, moving to edge for computing application, data and service. Face detection to identify the age, gender and emotion. System supports many AI and CV module and also built-in Camera with resolution up to 1080p, FOV > 70 degree. There is limitation that the installed position should be on top of panel since the mounting pattern is adhesive membrane.
Day / Night	No
Low Light Sensitivity	Superior
Mechanical IR Cut Filter	No
Pre-installed Application	Media Display Server for Android

Hardware

CPU	ARM Dual-core Cortex-A72 + Quad-core Cortex-A53
RAM	2GB
Graphics Card or GPU	ARM Mali-T860MP4

Lens

Focal Length	Fixed focal
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Horizontal Viewing Angle | 70°

Video

Compression	H.264, H.265
Maximum Frame Rate vs. Resolution	60 fps at 1920 x 1080
Wide Dynamic Range	Extreme WDR
Built-in Analytics	Age Detection, Gender Detection, Emotion Detection, Face Detection

Network

Ethernet Port	Non-PoE: 2 port(s), Ethernet (10/100/1000 Base-T), RJ-45 connector
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Video Analytics

Analysis Source Type	Video
Metadata Accuracy	Excellent
Maximum detectable number of face or person	5 faces per frame (Recommendation)

System

Server Operating System	Android 7.1
USB	2-Port USB 2.0

Storage

System Drive	eMMC, 32GB
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Interface

Serial Port	1 x RS-232
Wireless	Wi-Fi (IEEE 802.11 a/b/g/n/ac)
Local Storage	MicroSD memory card slot (card not included)
Local Display Interface	HDMI x 2 (camera live view with Age and Gender detection on one port, or digital signage display with media content from Media Management Server on one or both port)

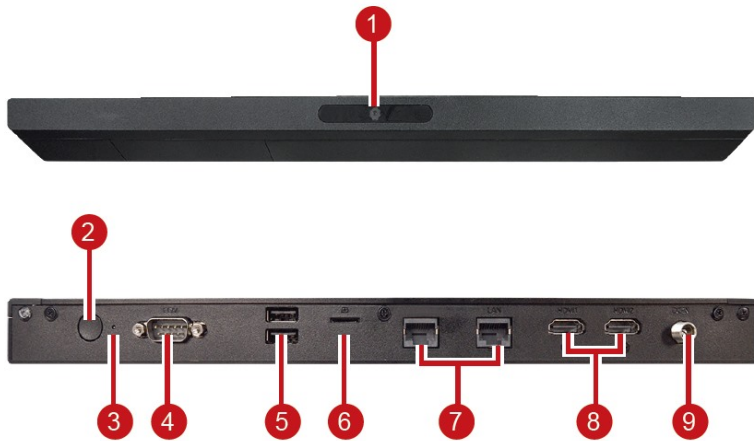
Installation

Distance to Target (People)	0.7m - 1.4m (2.30ft - 4.59ft)
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General

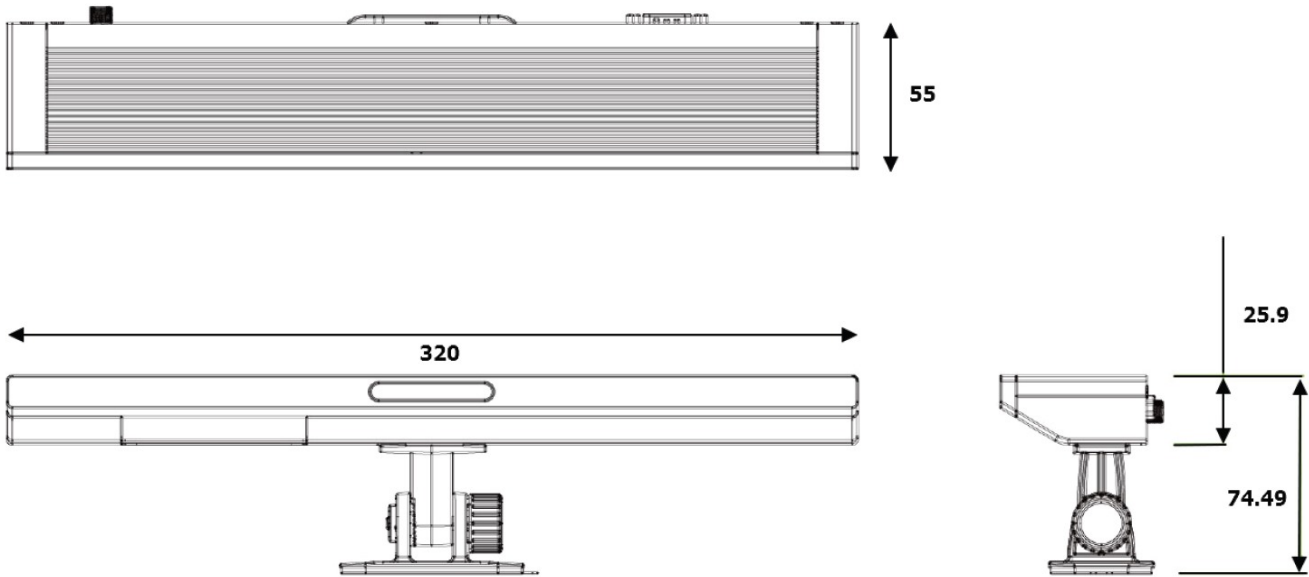
Power Source	DC 12V, 3 A
Power Consumption	36 W (DC)
Weight	357g (0.79lb)
Dimensions	(W x H x D): 320mm x 25.9mm x 55mm (12.60" x 1.02" x 2.17")
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% - 90% RH
Approvals	CE, CB, UL, BSMI, VCCI, CCC
Warranty	1 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

► Photo Indication



- 1 Lens
- 2 Power Button
- 3 Power LED
- 4 RS-232 Port
- 5 USB Ports
- 6 Memory Card Slot
- 7 LAN Ports
- 8 HDMI Ports
- 9 DC Input

► Dimension Diagram



Unit: mm [inch]