VISION
INNOVATION
PROFESSIONAL

ViPRO

VISION IN MOBILITY

Wearable Monitoring
Mobile Video Surveillance

2024-2025

Solution Brochure

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ViPRO Corporation

ViPRO

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MORE
INFORMATION ABOUT US

    ViPRO Corporation is a professional mobile technologies solution provider based in Taiwan. We provide the innovative 4G Body Worn Camera, dock station with comprehensive evidence management system, and intelligent Mobile DVR, Vehicle camera, Fleet management platform at high-quality, reliability and affordability.

The ViPRO team endeavors to offering added-value solution and quality service with satisfactory approach. We acknowledge that in security business, after sales service is as important as pre-sales and marketing as this would lead to long-term business with our partners and their local customers.

Our business practices offer significant benefits to its diverse customer base which includes value added distributors, systems integrator, service providers, and technology retailers.

For customers, ViPRO provides customized solution catering to different vertical market demands, advanced know-how, pre-sales, marketing and technical support services.

WHY ViPRO?

Mobile technology
- Mobile Security
- Wearable Monitoring
- Video Transmission

Customization
- OEM/ODM Design
- System integration
- Project support

01 Customer Oriented

At ViPRO, we take each individual customer's needs seriously with solution-oriented approach.
We strive to deliver 100% customer satisfaction with accountability, speedy service and quality support.

02 Vision in Mobility

ViPRO is strong at "Vision and Visualization" of mobility-based video surveillance and connectivity.
We are specialized in both software development and hardware electronics security.

03 Innovation

ViPRO solution is industry field-proof with technological competence. We keep on investing on product research and development and accommodating solution catering to diversified business applications.
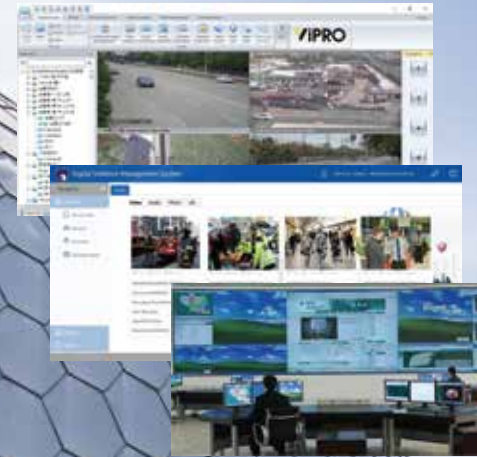
04 Professional

We excel at what we do. ViPRO experts comprise over 15 years of industry experiences in integrated video security solution. We provide what suits the best to our customers and ensure long-term profitability with right market focus and approach.

POWER
TO IDENTIFY

ViPRO

Your reliable choice of
Body Worn Video System

- Live video monitoring
- Private client interface control
- Cross-platform user access
- E-Map, geo-fence & event management
- Remote record, playback analysis
- Data storage and query download
- Client-Server architecture
- Network & database management
- Report statistics

High-definition Video Quality
2K: 2628*1512P@30fps
SHD: 2560*1440P@30fps
FHD: 1920*1080p@30fps
HD: 1280*720p@60fps
H.264/H.265 Compression

Image and Audio
10368x5920 64Mega pixels image resolution
3D Motion compensated noise reduction
Two-way audio for device and CMS
Peer-assistent recording
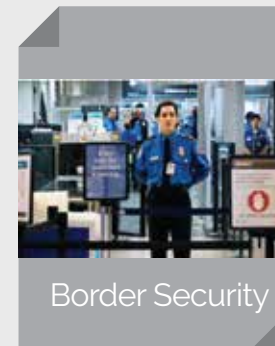
Built-in IR illuminator
Smart IR switching technique
Automatic brightness adaption
Starlight sensor for color record
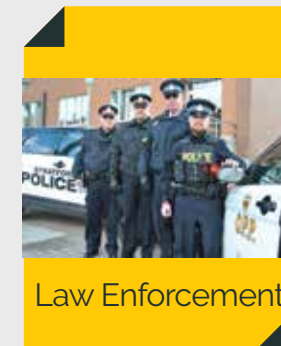Up to 10m illumination distance

Data Protection
No file deletion on the camera
AES256 video encrytion
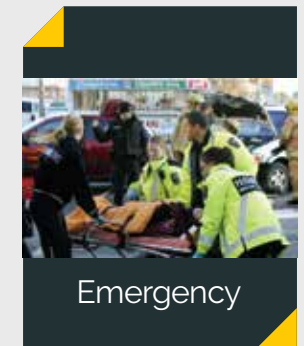Watermark
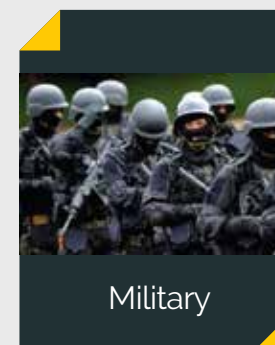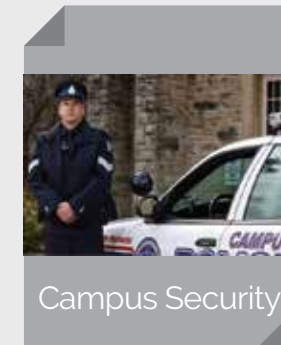User authentication (on device & software)
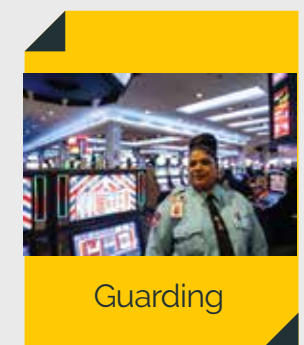
VERTICAL MARKET

Border Security

Law Enforcement

Emergency

Military

Campus Security

Guarding

ViPRO

Rugged design
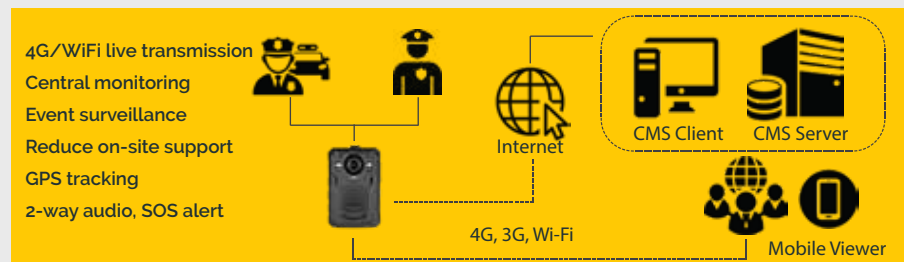### tailor-made for law enforcement

- Powerful and extendible for different occasions
- Evidence collection, recording, monitoring at any time and any place.
- Deter crime and reduce false claims against agencies or citizens.
- Backing up officer's vision of event

BV-A12s
4G LTE BODY WORN CAMERA

BV-A12s is the high-end 4G LTE Body Worn Camera tailor-made for law enforcement application. With IP68 rugged design, BV-A12s supports live video streaming over 4G/Wi-Fi network and the high-quality camera lens and sensor delivers clear and sharp images even under extremely low light conditions.

- Ambarella S5L, Linux 4.9.110
- IP68 waterproof and dustproof, 2m drop test
- FDD LTE: Asia-Pacific/EMEA
- H.264/H.265 encode, 2K recording
- AES256 Video Encryption
- 4G video transmission/visual command
- 4G public network voice intercom, 2w trumpet
- GPS/GNSS hybrid positioning module
- WIFI/Bluetooth/NFC connectivity

- 170° wide angle view
- Support starlight night vision
- Recognize facial characteristics in 10m
- Peer-assistent recording
- SOS/Video record/Audio record/Shortcut
- 15hr continuous record, ~3hr charging time
- Low power consumption in single record mode
- Support fast charging protocol
- Large-scale client-server CMS platform

4G/WiFi live transmission
Central monitoring
Event surveillance
Reduce on-site support
GPS tracking
2-way audio, SOS alert

Internet
CMS Client   CMS Server
4G, 3G, Wi-Fi
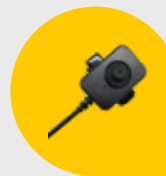Mobile Viewer

BV-A12eco
4G Lte Body Camera

- 1440P/1080P @ 30fps, 1080P/720P for 4G view
- 4MP CMOS sensor, up to 64MP image capture
- 140˚ field of view
- IP68 waterproof and dustproof
- 4G, GPS and WIFI support
- H.264/H.265 video encode
- 3D Motion compensated noise reduction
- AES256 encryption
- Two-way audio for the device & CMS

BV-A2eco Lite
Super HD Body Camera

- 1440P/1080P @ 30fps
- 4MP CMOS sensor, up to 64MP image capture
- 140˚ field of view, 2inch screen
- Built-in IR LED, 10m night vision
- GPS and WIFI support (optional)
- 16hr+ record time, Pre-record & Post-record
- Support 720p/1080p external camera
- AES256 encryption
- Silence mode

USB Camera
1080P
(Covert type)

An exquisite and mini external camera intended to obtain video/audio evidence without being notice and perfect for investigators, undercover officers, detectives, and etc.
- Support standard UVC protocol
- 0.1 Lux low-light illumination
- Full glass metal pin-hole lens with camouflage buttons for covert shooting
- Selectable connector and cable types

PDS05
7inch 8 Bay Docking Station

PDS05 is the 8-Bay Portable Dock with HDD storage, 64GB SSD, 7" touch screen (1024*600), Windows O/S and DEMS embedded with Wi-Fi connectivity.
- Automatic charging, device recognition, data upload, empty, photo issued
- Time synchronization
- Local data query, playback
- Role management
- Bookmark and Log functions

Digital Evidence Management

ViPRO docking station features desktop and portable application and adopts high-performance and low-power motherboard, processor and hard drive with high reliability and stability. Designed for long-time operation, ViPRO docking station supports simultaneous data upload of multiple body worn cameras while the embedded web management system allows users to easily access and download files from another PC.

PDS06
14inch 12Bay
Docking Station

PDS06 is the 12-Bay Portable Dock with 2TB HDD (4TB~24TB optional), 4G RAM, 64GB SSD, 14.1" touch screen (1920*1080), HDMI/VGA output, Windows O/S and DEMS embedded with Wi-Fi connectivity.
• Automatic charging, device recognition, data upload, empty, photo issued
• Time synchronization
• Local data query, playback
• Role management

PDS07
15.6inch 20Bay
Docking Station

PDS07 is the 20-Bay Desktop Dock with 4TB HDD (6TB~40TB optional), 4G RAM, 64GB SSD, 15.6" touch screen (1366*768), HDMI/VGA output, Windows O/S and DEMS embedded with Wi-Fi connectivity.
• Automatic charging, device recognition, data upload, empty, photo issued
• Time synchronization
• Local data query, playback
• Role management
• Bookmark and Log functions

Capture > Collect > Analysis

Key Technology

1. Hardware & software integration technology	4. Intelligent distributed storage technology
2. Efficient data transmission technology	5. Intelligent space management technology
3. Break point continuous technology	6. File fast retrieval technology

DMS03
19inch 20Bay/24Bay
Data Acquisition System

DMS03 is the 20/24-Bay Data Acquisition System with 4TB HDD (6TB~60TB optional), 4G RAM, 64GB SSD, 19" touch screen (1920*1080), Raid5, Windows O/S and DEMS embedded with Wi-Fi connectivity.
• Automatic charging, device recognition, data upload, empty, photo issued
• NFC, Face recognition, Fingerprint recognition
• Local data query, playback
• Role management
• Electronic lock function (optional)

EMS01/EMS02
Embedded Streaming
Media Service Gateway

EMS01/02 is the 1U and 2U Embedded Streaming Media Service Gateway, featuring Linux-embedded server-level mainboard, 128GB SSD, Raid5, 4x USB2.0 port, 2x 1000M network port, VGA output,
• Support Ambarella & Android 4G BWC (up to 500 device connection, 200 simultaneous streaming)
• Real-time video streaming, broadcast, 2-way audio
• 1U: 4x3T 3.5" HDD (9T), 2U: 8x3T 3.5" HDD (21T)
• Hot-swappable HDD rack
• NFC identification

MOBILE
VIDEO ENFORCEMENT

To strengthen the policing technology, ViPRO proposed the concept of a mobile police station which is to adopt ViPRO's full video system that will improve the police response time and achieve the feasibility of a mobile law enforcement concept. The police thus benefits from a sharp and clear message to maximize their duty and support.

INTELLIGENT FLEET MONITORING
To record all the behaviors for the passengers and the driver to prevent the criminal and keep the drivers' safety.
Real-time access to live and recorded footage

FRONTLINE PATROL & EVENT SURVEILLANCE
To improve the police response time and achieve the feasibility of a mobile law enforcement concept. The police thus benefits from a sharp and clear message to maximize their duty and support.

PROTECT ON-BOARD SAFETY
The driver can press the panice button to trigger the alarm via cellular network to command center to ask for help for emgerncy.
The center can send the short message to pointed vehicle.

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1 — 4CH/8CH AHD Mobile DVR

MVR-100 series are intelligent 4CH/8CH AHD Mobile Network DVR tailor-made for vehicle video surveillance. Incorporating embedded Linux O/S and high-speed processor, MVR-104A/108A feature GPS positioning, Geo-fence alarm, 3G/4G cellular network connectivity for realtime remote monitoring, vehicle travel information recording and wireless data upload.

3 — 7" Car Monitor

RM-702 features multi-split display, multi-lingual OSD, wide voltage input, 16:9 or 4:3 wide screen display, 1024x600 resolution, automatic backlight button, touch screen operation, HDMI/VGA/AV1/AV2 inputs,

2 — Dual-lens Vehicle Camera

R21 is an AHD dual-lens vehicle camera, featuring 1/2.8" CMOS sensor, 2 Mega Pixel resolution, f1.2mm Megapixl lens, built-in 6 Infrared lights for night vision, 3D noise reduction, AGC, electronic shutter, mirror view, compact design and flexible mounting applications which are suitable for commercial, heavy duty and passenger vehicles installation.

4 — 4G Portable PTZ Dome

2MP Full HD1080P/ 30X optical zoom/ 100m IR / 360° PTZ
4G Real-Time Video & Audio Transmission, GPS/Bluetooth
H.264/H.265 video encode, support dual data rate
Portable design, Magnetic base for vehicle roof mounting
Support local record with dual TF card (total 256GB capacity)
12hr operation time with rechargable battery
Alarm I/O, RS232, RS485 interface