ViPRO

VISION
INNOVATION
PROFESSIONAL

VISION IN MOBILITY

Wearable Monitoring
Mobile Video Surveillance

2018~2019

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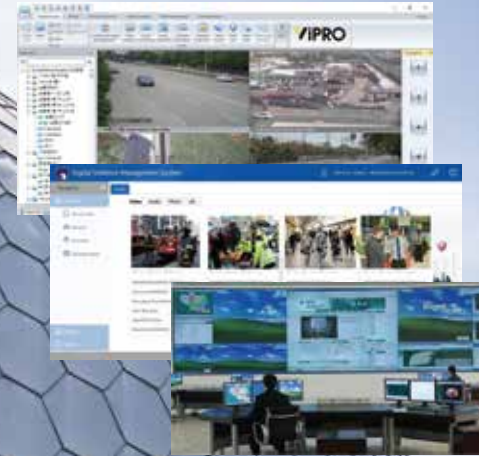
For customers, ViPRO provides customized solution catering to different vertical market demands, advanced know-how, pre-sales, marketing and technical support services.

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

Your reliable choice of
Body Worn Video System

ViPRO

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
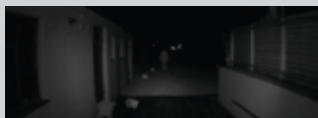
Network & database management

Report statistics

High-definition Video Quality
SHD: 2304*1296P@30fps
FHD: 1920*1080p@30fps
HD: 1280*720p@60fps
H.264 Compression

Image and Audio
2688x1512 native image resolution
Software upscaling up to 7680x4320 pixel
Built in microphone and speaker
ADPCM audio compression technology
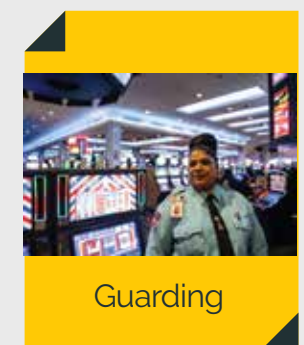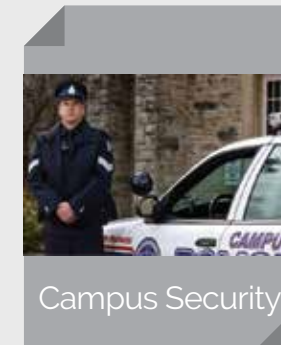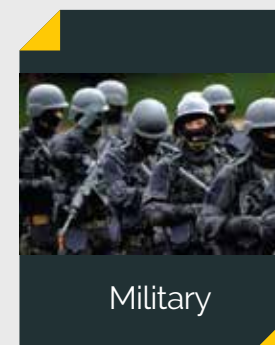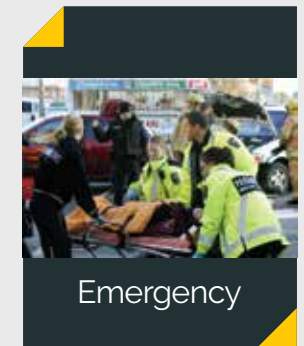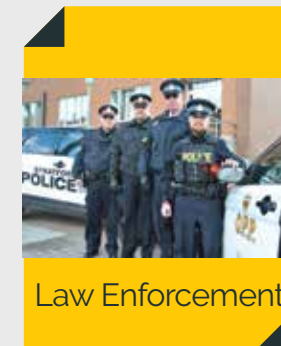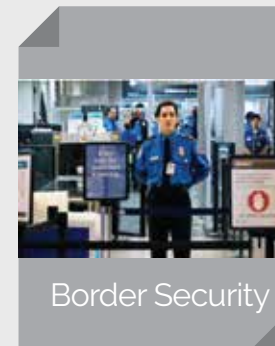
Built-in IR illuminator
Smart IR switching technique
Automatic brightness adaption
Clear video even in total darkness
Up to 15m illumination distance

Data Protection
No file deletion on the camera
AES encrytion
User authentication (on device & software)

VERTICAL MARKET

Border Security

Law Enforcement

Emergency

Military

Campus Security

Guarding

Rugged design
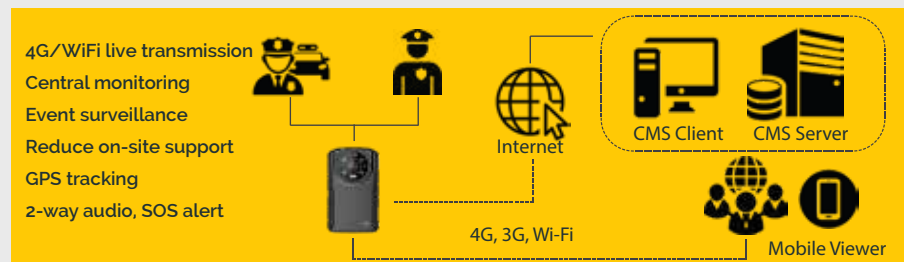## tailor-made for
law enforcement

- 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-A11
4G LTE BODY WORN CAMERA

BV-A11 is the high-end 4G LTE Body Worn Camera tailor-made for law enforcement application. With IP67 rugged design, BV-A11 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.

- MT6739, Quad-core/1.5GHz/64 bit CPU
- Android 8.0 OS
- IP67 grade, 2.5meter drop test
- FDD LTE: B1/B3/B5/B7/B28A/B28B
- H.264 encode, 1080P HD recording
- 4G video transmission/visual command
- 4G public network voice intercom, 2w trumpet
- GPS/GNSS hybrid positioning module
- WIFI/Bluetooth/NFC connectivity

- Aperture at F1.9, 120° wide angle
- Support starlight night vision
- Recognize facial characteristics in 6m, outline in 10m
- 3.5" capacitor IPS touch screen
- SOS/Video record/Audio record/Shortcut
- 8 hr continuous record, ~3hr charging time
- Low power consumption in single record mode
- Support fast charging protocol PE+
- 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-A1
Compact Body Camera

- 1296P/1080P/720P @ 30fps
- 4MP CMOS sensor, up to 33MP image capture
- 155˚ field of view
- Built-in 6 IR illuminator, 15m night vision
- GPS and WIFI support (optional)
- Screen-free, light-weighted design
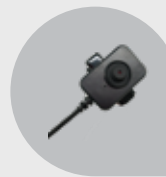- 9hr record time
- AES encryption
- FTP data upload

BV-A8
Super HD Body Camera

- 1296P/1080P/720P @ 30fps
- 4MP CMOS sensor, up to 33MP image capture
- 155˚ field of view, 2inch screen
- Built-in 6 IR illuminator, 15m night vision
- GPS and WIFI support (optional)
- 12hr+ record time, Pre-record & Post-record
- Support 720p external camera
- AES encryption
- FTP data upload

External Camera
720P/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
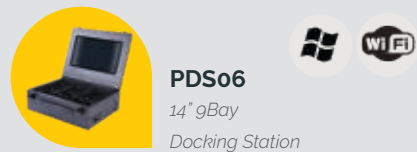
PDS05
8Bay Portable Dock
with 7" Touch screen

PDS05 is the 8-Bay Portable Dock with 2TB 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

Capture > Collect > Analysis

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.

Key Technology

1. Hardware & software integration technology
2. Efficient data transmission technology
3. Break point continuous technology

4. Intelligent distributed storage technology
5. Intelligent space management technology
6. File fast retrieval technology

PDS06
14" 9Bay
Docking Station

PDS06 is the 9-Bay Portable Dock with 2TB HDD (4T/6T/8T optional), 4G RAM, 64GB SSD, 14" 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
• Bookmark and Log functions

PDS07
15.6" 12Bay/20Bay
Docking Station
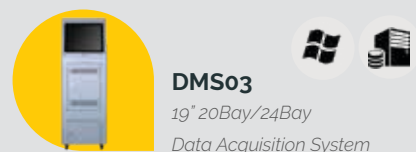
PDS07 is the 12-Bay/20-Bay Desktop Dock with 4TB HDD (6T~32T optional), 4G RAM, 64GB SSD, 15.6" touch screen (1366*768), HDMI/VGA output, Windows O/S and DEMS embedded with Wi-Fi connectivity.
• Automatic charging, device recognition, data upload, empty, photo issued
• Time synchronization
• Local data query, playback
• Role management
• Bookmark and Log functions

DMS03
19" 20Bay/24Bay
Data Acquisition System

DMS03 is the 20/24-Bay Data Acquisition System with 4TB HDD (6T~32T 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
• Time synchronization
• Local data query, playback
• Role management
• Bookmark and Log functions

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.

1 4CH AHD Mobile DVR

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

2 Dual-lens Vehicle Camera

R21 is an AHD dual-lens vehicle camera, featuring 1/3" CMOS sensor, 720P resolution, f2.5mm Megapixl lens, built-in 6 Infrared lights for night vision, 3D noise reduction, AGC, electronic shutter, mirror view, 9-18V DC, compact design and flexible mounting applications which are suitable for commercial, heavy duty and passenger vehicles installation.

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,

4 4G Portable PTZ Dome

2MP Full HD1080P/ 20X optical zoom/ 80m 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)
6hr operation time with rechargable battery
Alarm I/O, RS232, RS485 interface