



# CCTV

Solusi CCTV merupakan prasarana yang tepat, efektif, dan efisien serta terbukti andal dan bermanfaat, karenanya penggunaan CCTV merupakan salah satu pelengkap sistem keamanan untuk peningkatan kinerja dan citra perusahaan. CCTV merupakan salah satu solusi untuk sistem keamanan yang modern dan efisien.

## IP Camera



### MINI DOME CAMERA

- 1/3" Progressive Scan CMOS
- Full HD 1080 p Video
- Up to 10 m IR
- DWDR/3D DNR/BLC
- Support On-board Storage, up to 64 GB
- Built-in Mic
- Audio/Alarm IO (optional)

Ref. No. SNCC-754P B



### IR DOME CAMERA

- 1/3" Progressive Scan CMOS
- Up to 3 MP (2048 x 1536) High Resolution
- Full HD1080p real-time video
- Up to 30 m IR visibility
- True day/night
- 3D DNR & DWDR & BLC
- IP66 rating
- Vandal-proof housing

Ref. No. SNDC-V



### IR FIX CAMERA

- 1/3" Progressive Scan CMOS
- Up to 3 MP (2048 x 1536) High Resolution
- Full HD1080p real-time video
- Up to 30 m IR visibility
- True day/night
- 3D DNR & DWDR
- IP66 rating

Ref. No. SNDI-742P

## Network Video Recorder



### 4/18/16 CHANNEL NVR

- Up to 4/8/16-ch IP cameras input
- Third-party network cameras supported
- Up to 5 megapixels resolution recording
- HDMI and VGA output at up to 1920x1080P resolution
- 2 SATA HDD interface up to 4TB each
- HDD quota and group management



### 8/16/32/64 CHANNEL NVR

- Up to 8/16/32/64-ch IP cameras input
- Third-party network cameras supported
- Up to 5 megapixels resolution recording
- HDMI and VGA output at up to 1920x1080P resolution
- Up to 8 SATA interfaces
- HDD quota and group management
- Dual gigabit network interfaces



### NETWORK STORAGE DEVICE

- High performance with 64 bit RISC processor
- Up to 16 HDD, each disk up to 4TB capacity
- Support up to 180-ch 4CIF real-time recording
- iSCSI/NFS/CIFS/FTP/HTTP/AFP protocols
- RAID 0, 1, 3, 5, 10, 50 and HDD hot swap supported
- Dual Gigabit network interfaces
- Modularization and redundant power design for highest reliability



### Analog Camera



#### Speed Dome

- Sensor: 1/4" Sony ExView HAD CCD
- H. Res.: 480 TVL
- Focus length: F3.4 - 122.4 mm
- Optical zoom: 36x • Digital zoom: 12x
- Minimum illumination (F1.4): 1.4 lx/0.01 lx
- Manual: pan 0.01°-180°/s, tilt: 0.01°-120°/s
- Pan range/speed: 360° continuous pan rotation; up to 400°/s
- Tilt angle/speed: 0°-90° auto flip; 0.5°-60°/s
- Auto mode: OFF/preset/seq./pattern/cruise

Ref. No. SCP-D636PX B



#### Dome Camera

- CCD sensor: 1/3" Super HAD Sony CCD +EFFIO-E DSP
- Pixels: P: 900H x 582V N: 967H x 494V
- Lens: 3.6 mm lens (auto iris lens)
- H. Res.: 600 TVL
- Minimum illumination: 0.01 lx/F1.2

Ref. No. SCD-360P-36 A



#### Box Camera

- CCD sensor: 1/3" Super HAD Sony CCD
- Pixels: P: 752H x 582V N: 768H x 494V
- Lens: C/CS mount lens
- H. Res.: 560 TVL
- Minimum illumination: 0.001 lx/F1.2

Ref. No. SCC-6560P BA

### IR Camera



#### IR Camera

- CCD sensor: 1/3" Sony CCD
- Pixels: P: 512H x 582V N: 512H x 494V
- IR view distance: 30 m
- H. Res.: 420 TVL
- Minimum illumination: 0 lx/F1.2

Ref. No. SCI-342P-6 BA



#### IR Dome Camera

- CCD sensor: 1/3" Sony CCD
- Pixels: P: 512H x 582V N: 512H x 494V
- IR view distance: 30 m
- H. Res.: 420 TVL
- Minimum illumination: 0 lx /F1.2

Ref. No. SCDI-342P-6 A

### Digital Video Recorder



#### 4-8-16 Channel DVR

- Video compression: H.264
- Preview resolution: PAL: 704 x 576 (4CIF), NTSC: 704 x 480 (4CIF)
- Playback resolution: PAL: 352 x 288 (CIF), NTSC: 352 x 240 (CIF)
- Video input: 4-channel BNC (Electrical Level: 1.0Vp-p, resistance: 75 Ω)
- Video output: 1-channel, BNC (Electrical Level: 1.0Vp-p, resistance: 75 Ω)
- Max. frame rate (PAL/NTSC): PAL: 25 fps, NTSC: 30 fps
- Stream type: video/video & audio
- HDD interface: support 1 SATA HDD (max. 2 TB)
- Network interface: 1 RJ45 10M/100M
- VGA interface: 1 VGA interface, support resolution: 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 1024/60 Hz

Ref. No. SDVR-401HS



#### 24-32 Channel DVR

- Video compression: H.264
- Preview resolution: PAL: 704 x 576 (4CIF), NTSC: 704 x 480 (4CIF)
- Playback resolution: 2CIF/CIF/QCIF
- Video input: 16
- Video output: 1-channel, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)
- Max. frame rate (PAL): QCIF/CIF 25/30 fps/ 2CIF 8/9 fps per channel
- HDD interface: 2 SATA interface
- VGA interface: support resolution: 800 x 600/60 Hz, 800 x 600/75 Hz, 1024 x 768/60 Hz, 1280 x 1024/60 Hz

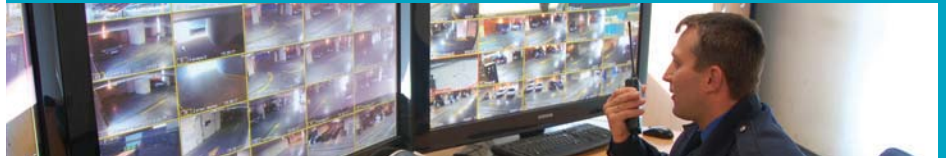
Ref. No. SDVR-1604HS



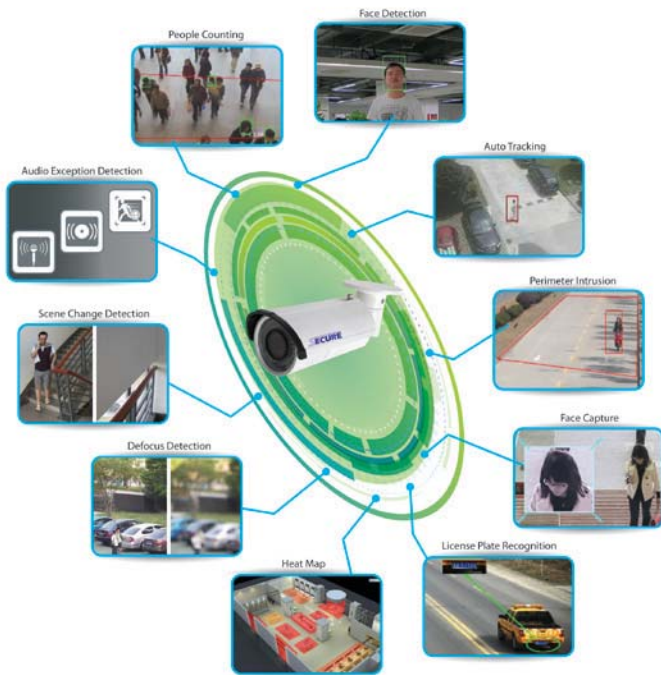
#### ATM DVR

- Video compression: H.264
- Preview resolution: PAL: 704 x 576 (4CIF); NTSC: 704 x 480 (4CIF)
- Playback resolution: PAL: 352 x 288 (CIF), NTSC: 352 x 240 (CIF)
- Video input: 4-channel BNC; Video output: 1-channel, BNC
- Max. frame rate: PAL: 25 fps, NTSC: 30 fps
- Stream type: video/video & audio
- Audio input: 2-channel RCA; Audio output: 1-channel RCA
- 1 SATA interface
- Network interface: 1 RJ45 10 M/100 M
- 1 VGA interface, support resolution: 1024:768/60 Hz

Ref. No. SDVR-401AT



### Video Analytic



- FACE DETECTION**  
 Using pattern recognition technology, numbers of faces, location and the size can be recognized and tracked. (Optional) Alarm & record linkage once face detection is triggered.
- SMART TRACKING**  
 (Perimeter intrusion, Auto-tracking, face capture, people counting) Reduce invalid events, improving accurate recognition and handle efficiency. Provide business-based analysis data to optimize and adjust operation strategy.
- AUDIO EXCEPTION DETECTION**  
 Once camera detects no audio input or sound intensity exceed the threshold, it will trigger alarm. Environmental noise also can be filtered.
- DEFOCUS DETECTION**  
 Precaution action when camera focus is change, system will trigger alarm.
- SCENE CHANGE DETECTION**  
 Another preventive to avoid from unexpected happen when camera direction in different point of view system will trigger alert.
- HEAT MAP**  
 A sophisticated heat map allow you to track and understand complex visitor traffic pattern and data sets.
- LICENSE PLATE RECOGNITION**  
 Automatically capture license plate numbers, colors, and car models, and corresponding time stamp data to enforce parking permits, time limited zone rules and lot inventories.

### Central Monitoring System



- Integration with Access Control, POS, Parking Lot, and other systems
- Intuitive GUI
- Free DDNS and customizable service
- Support Android OS, Apple OS