DOSS® SECURITY

Gender: Male
Age: 29
Similarity: 97%
ID: 645379266
Number: 007
Description:

SECURITY AND CCTV
PRODUCT RANGE 2018

AHD & IP Cameras

DVRs, NVRs & CCTV Kits

Testers, Accessories & More

Welcome

PRODUCT VIDEO AVAILABLE   share   More info

0:37 / 5:55   YouTube

DOSS
SECURITY®

Be in the know!

Watch informative videos and get the low down on Doss Security products. Visit goo.gl/gKXa2W

DOSS SECURITY AND CCTV
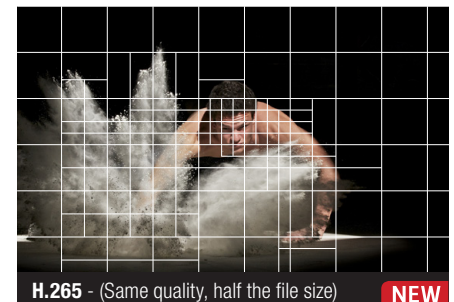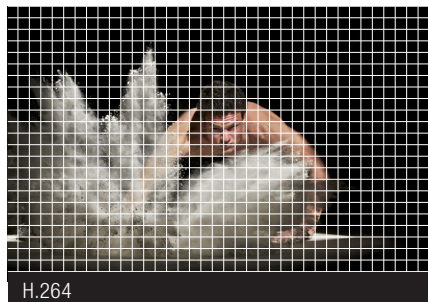## CONTENTS

2018
Edition

The Future of Security Surveillance

Each year we see the evolution of products featuring newer technologies; providing faster, smarter and more efficient solutions to our everyday needs. Doss is no exception, introducing new products that utilise these advancements.

Better Video Encoding - H.265

With the resolution of cameras and screens becoming sharper and more data demanding, many video-based products are incorporating better encoding standards to help keep up with these new storage and bandwidth requirements. High Efficiency Video Coding (HEVC), or H.265 is a video compression standard designed to substantially improve coding efficiency. Compared to the previous high standard H.264, this new method uses smarter compression to effectively halve the bandwidth required when streaming the video. Many new Doss security cameras and NVRs now support this algorithm, efficiently encoding video at the lowest possible bit rate whilst maintaining a high image quality level.

H.264

H.265 - (Same quality, half the file size) **NEW**

Body-worn Cameras

Surveillance is no-longer restricted to being mounted on moving vehicles, buildings, or fixed areas, it's now wearable for those on the go. Doss has produced a compact and mobile camera, designed specifically for security personnel or law enforcers witnessing events out in the field. Jammed packed full of features, like built-in GPS, two-way talkback radio, quick playback screen, wireless transmission and more, it is the ultimate tool in capturing situations as they unfold.

4MP BODY CAMERA 4G RECORDER
BUILT-IN 64GB IR 2″ TFT LCD

- ▶ 1/3″ 4MP CMOS sensor
- ▶ HD 2″ TFT LCD display screen
- ▶ Max. resolution 2688x1512 @ 18fps, with Full HD 1080p 30fps video, H.264 encoding
- ▶ Supports 4G wireless transmission and backward-compatible to 3G network
- ▶ Built-in GPS tracking in real-time & playback
- ▶ Auto/Manual IR for darker light conditions
- ▶ IP65 water & dust-proof (Drop Safe: 2m)
- ▶ 4 hours continuous use (per battery)
- ▶ 2x 1950mAh batteries and Charging base included

NEW

43161100 | BC4G

Fisheye Surveillance

Keep an eye out in all directions with the new fisheye camera from Doss. Capable of not only capturing footage within a single fisheye perspective, but also uses e-PTZ rotation and a 3D fisheye correction algorithm to watch a space 180° vertically in a full 360° panoramic view, both in real-time and previously recorded footage. This clever camera can be a smart solution in replacing the need for multiple cameras to record different angles of a single space.

12MP FISHEYE PANORAMIC IP CAMERA
20M IR H.265 4xPTZ

- ▶ 1/1.7″ 12MP Progressive Scan CMOS sensor
- ▶ Multi modes viewing: 360º/180º full view, 4xPTZ fisheye & single-way fisheye
- ▶ Max. resolution 4000x3000 @ 20fps, H.265 encoding
- ▶ Supports Onvif, IE, Chrome, Firefox & Safari
- ▶ Smart IR (4x IR III LEDs), @ 15-20m distance with over-exposure prevention in low light
- ▶ Bi-directional talk with built-in mic & speaker
- ▶ IQ Analytics: Target Counting, Area Detection, Left/Lost, & Line Crossing

FISHEYE

NEW

43161000 | DMF20IPW

New Technology

Face Recognition

IQ Analytics in surveillance systems have now stepped up a notch, with the introduction of Face Recognition! This gives you the advantage of using A.I. to identify individuals and track them, not only in real-time, but also in previously recorded footage.

More features include the ability to import thousands of face images to a database, categorise them, and trigger an event or action when a particular individual is detected. Now available in certain Doss Cameras & NVRs, this feature will revolutionise the future of security solutions.
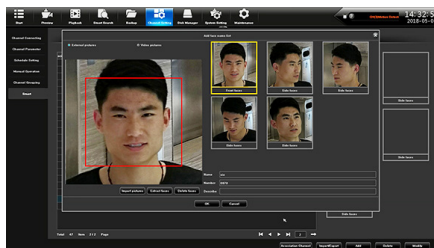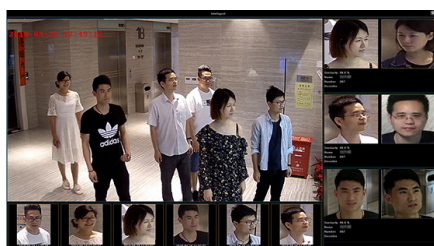
2MP FACE RECOGNITION CAMERA
FACE DETECTION, CAPTURE & TRACKING

▶ 1/2.8" SONY 2.07MP Progressive Scan Exmor CMOS
▶ 2.8–12mm motorized lens
▶ Resolution 1920x1080, 1280x720 @ 1–25fps
▶ H.264 Video compression
▶ Intelligent Analytics: Face Capture & Face Tracking
▶ Can sync detect 1–10 face targets, analysing 5 faces for 1s @ ≤200ms response speed
▶ Import 2000 faces library used for comparison recognition
▶ Supports Onvif
▶ Supports a Black/White List comparison linkage alarm output
▶ Network Interface: RJ45 10M/100M self-adaptive Ethernet

NEW

43161200 | **INF2M**

▶ Power Supply: 12V DC
▶ Dimensions: 150(L) x 62(H) x 57(W)mm
▶ Weighs: 480g

16CH (8CH FACE RECOG.) NVR
IQ, FISHEYE & FACE RECOGNITION

▶ Full real-time network video access to all channels
▶ 16Ch (8POE with a Max. 8 Face Recognition Cameras)
▶ Supports Standard IP, IQ, Fisheye and 8x max. Face Recognition cameras
▶ Video Output: VGA & HDMI up to 3810x2160 @30Hz
▶ Video Compression: H.265/H.264/MJPEG
▶ Features IQ Analytics: Area Detection, Detection Mode, Target Count, Object Lost and Line Crossing
▶ Features Face Snapshot, Face Comparison, Face Retrieval, Black/White List comparison with a ≤5000 face database
▶ Supports Onvif and RTSP Interface Protocol

NEW

43171900 | **NVR16IQF**

▶ Data Storage: 2x SATA single max. 8TB HDD
▶ Power Supply: 48V DC / 3A
▶ Dimensions: 360(L) x 48(H) x 242.4(W)mm
▶ Weighs: 2kg (Without HDD)

Network Video Recorders

Configure, view and record multiple IP cameras at once! The Doss NVRs are able to provide you with a familiar DVR experience over IP. Connect your cameras directly to the PoE enabled NVRs to power them or, if they are remotely powered, connect your NVR to your existing network.

P2P is so easy.

P2P (peer-to-peer) streaming-forwarding services enable IP devices to be accessible anywhere in the world with virtually plug-and-play configuration, simplifying the installation process.

Doss' DVRs, NVRs and some IP Cameras are P2P compatible, as long as they can access the internet (via wired cable or Wi-Fi), users can access the devices from anywhere in the world without any complex network configuration such as Port Forwarding or Dynamic DNS.
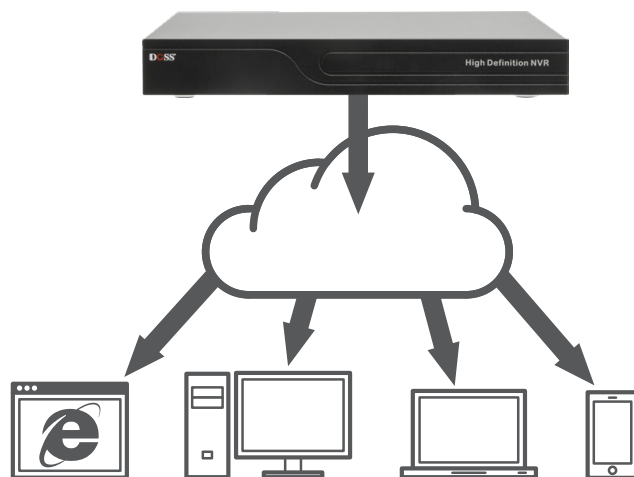
NO NEED FOR:
PORT FORWARDING, NAT CONFIGURATION OR DDNS SERVICES

NVR/DVR Storage Calculator

Determine what storage size you require or how many days you can fit by using the Doss Security CCTV Calculator at **goo.gl/C2K4or**

DOSS SECURITY — CCTV Calculator — Calculate everything!

ONVIF — COMPLIANT —
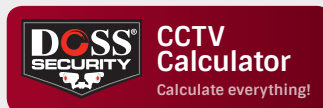
IQ Network Video Recorders

P2P technology allows viewing from anywhere in the world without configuring complicated Port Forwarding or expensive Dynamic DNS services! Simple QR Codes allow instant access from mobile phones using the free App available for iOS and Android.

IQ ANALYTICS

Online Video Library

See how all these amazing features work and more by checking out our range of informative videos online at **goo.gl/XG7yCs**

0:37 / 5:55

- ▶ Full real-time network video access to all channels
- ▶ Dual-stream decoding
- ▶ Simultaneous video playback and remote monitor
- ▶ VGA/HDMI synchronised output
- ▶ Features IQ Analytics: Area Detection, Detection Mode, Target Count, Object Lost and Line Crossing
- ▶ Dimensions (WxDxH): 360x242.4x48mm

- ▶ Advanced alarm trigger and alert setup with scheduling, motion detection and IQ analysis features
- ▶ Supports ONVIF, RTSP, GB28181 industry standard protocol as well as DDNS, EMAIL, UPNP, NTP, P2P
- ▶ Remote viewing via web-browser, smartphone App (iOS + Android) and PC Client

PLEASE NOTE: The NVR36IQ 36CH is a 2RU NVR

	NVR8IQECO 43172007	NVR8IQ4KV2 43172072 **NEW**	NVR16IQ 43172026	NVR16IQ4K 43172080 **NEW**	NVR16IQ4KV2 43172082 **NEW**	NVR36IQ 43172125 **NEW**
Channels	8CH (4POE)	8CH (8POE)	16CH (8POE)	16CH (8POE)	16CH (8POE)	36CH (16POE)
Resolution	Up to 5MP	Up to 4K	Up to 5MP	Up to 4K	Up to 4K	Up to 4K
Video Compression	H.264 / MJPEG	H.265 / H.264 / MJPEG	H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Storage	2x SATA 6TB HDD	2x SATA 8TB HDD	2x SATA 6TB HDD	2x SATA 6TB HDD	2x SATA 8TB HDD	8 SATA, 1 E-SATA 8TB HDD
Alarm Input	2CH	4CH	4CH	4CH	4CH	16CH
Supports	–	4K ULTRAHD / FISHEYE	–	4K ULTRAHD	4K ULTRAHD / FISHEYE	4K ULTRAHD / FISHEYE

Want to be in control? The network control keyboard is the perfect interface to utilise and preview any connected PTZ cameras.

NEW

43150162 | KT401

NETWORK CONTROL KEYBOARD

7" LCD 3D ROCKER

- ▶ Adopt 7" 800x480 LCD display screen for previewing
- ▶ H.265/H.264 decoding
- ▶ Supports 4K/5MP/3MP/1080P/960P/720P
- ▶ Supports PTZ, preset/cruise/track operation
- ▶ Power Supply: 12V DC

PTZ Cameras

Keep an eye out 24/7! With a 2MP sensor for clear images, tilt & zoom functions, as well as easy set-up and controls, these PoE powered cameras are a cut above the rest.

DOME IP PTZ CAMERA
2MP HD IR POE

- ▶ 1/2.8" CMOS sensor
- ▶ Ambarella zoom module
- ▶ Encoding system: H.264 / MJPEG, dual stream output
- ▶ Full HD 1080p
- ▶ Horizontal 360º continuous rotation, 90º vertically tilt
- ▶ Audio alarm input/output
- ▶ MicroSD card slot: Accepts up to 64GB
- ▶ PTZ Watch: Preset, zone, pattern, OFF
- ▶ Lightning-proof, IP66
- ▶ Support ONVIF / HTTP / TCP / DDNS / NTP / SMTP / RTSP
- ▶ 24V DC / PoE

4"   6"

	DMZ50IPW 43160140 **NEW**	DMZ150IPW 43160142 **NEW**
Dome size	4"	6"
Focal Length	4.7mm ~ 47mm	4.7mm ~ 94mm
Preset/Cruise	Preset 255 / Cruise 4	Preset 256 / Cruise 8
Audio In/Out	–	1CH Bidirectional
Dimensions	219(H)x149(D)mm	380(H)x216(D)mm
Supports	–	STARVIS

	DMW15IPW ○ 43160002	**DMM15IPW** ○ 43160006	**DM30IPW2** ○ 43160027 **DM30IPB2** ● 43160028	**DM30IPW4M** ○ 43160602	**IN30IPW2** ○ 43160116 **IN30IPB2** ● 43160118
Sensor	1/2.8" Sony CMOS Sensor	1/2.8" CMOS Sensor	1/2.8" CMOS Sensor	1/3" Progressive Scan CMOS Sensor	1/2.8" CMOS Sensor
DSP	HI3516C+IMX323	HI3516C+IMX323	HI3516C+IMX323	HI3516D+OV469	HI3516C+IMX323
Resolution	2.43MP 1920×1080 @ 30fps	2.43MP 1920×1080 @ 30fps	2.43MP 1920×1080 @ 30fps	4MP 2592×1520 @ 20fps	2.43MP 1920×1080 @ 30fps
Video Compression	H.264/MJEPG	H.264/MJEPG	H.264/MJPEG	H.265/H.264/MJPEG	H.264/MJPEG
IR Distance	10-15m (1XIR Array LEDs)	10-15m (1xIR Array LEDs)	20-30m (36xØ5mm LEDs)	25-30m (2xIRIII IR LEDs)	20-30m (2xIRIII IR LEDs)
Lens	2.8mm	3.6mm	2.8-12mm	2.8-12mm MOTORIZED	2.8-12mm
Angle	Approx. 83°	Approx. 83°	92° to 28°	92° to 28°	92° to 28°
IP Rating	IP66	IP65	IP65	IP66	IP66
Signal to Noise Ratio	≥50db	≥50db	≥50db	≥35db (AGC Off)	≥50db
Power	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE

	IN50IPB4M ● 43160802 **NEW**	**DMP30IPW3** ○ 43160036 **NEW**	**INP50IPW** ○ 43160090 **NEW** **INP50IPB** ● 43160092 **NEW**	**DM30IPW8M** ○ 43160702 **NEW**	**IN50IPW8M** ○ 43160902 **NEW**
		VANDAL PROOF 🌙 STARVIS		**VANDAL PROOF** 4K ULTRAHD	
Sensor	1/3" Progressive Scan CMOS Sensor	1/2.8" STARVIS	1/2.8" STARVIS	1/2.5" Progressive Scan CMOS Sensor	1/2.5" Progressive Scan CMOS Sensor
DSP	HI3516D+IMX123	HI3516D+IMX290	HI3516D+STARVIS IMX290	HI3516D+IMX274	HI3519D+IMX274
Resolution	4MP 2592×1520 @ 20fps	2.07MP 1920×1080 @ 30fps	2.07MP 1920×1080 @ 30fps	8MP 3840×2160 @ 30fps	8MP 3840×2160 @ 30fps
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IR Distance	40-50m (3xIR Array LEDs)	20-30m (12xIR LEDs)	40-50m (3xIR LEDs)	20-30m (12xIR LEDs)	40-50m (3xIR Array LEDs)
Lens	2.8-12mm MOTORIZED	2.8-12mm	2.8-12mm MOTORIZED	3.0-10mm	3.0-10mm MOTORIZED
Angle	92° to 28°	92° to 28°	92° to 28°	92° to 28°	92° to 28°
IP Rating	IP66	IP66+IK09	IP66	IP66+IK09	IP66
Signal to Noise Ratio	≥35db	≥50db	≥50db (AGC Off)	≥50db	≥35db
Power	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE	DC12V/POE

IP Camera Accessories

POE Switches

NEW

09051450 | **POE08265**

8 PORT 265W POE SWITCH
▶ 8x 100Mbps Ethernet ports

NEW

09051452 | **POE16420**

16 PORTS 420W POE SWITCH
▶ 16x 100Mbps Ethernet ports

NEW

09051454 | **POE24420**

24 PORTS 420W POE SWITCH
▶ 24x 100Mbps Ethernet ports

Extenders

43151235 | **IPOC200**

200M IP OVER COAX EXTENDER
PASSIVE PAIR BANDWIDTH 10Mbps

43151237 | **IPOC1KPT**

ACTIVE ETHERNET & POE OVER COAX
TRANSMITTER ONLY UP TO 1KM

43151239 | **IPOC1KR**

ACTIVE ETHERNET & POE OVER COAX
RECEIVER ONLY UP TO 1KM

NEW

43151259 | **POE100EX**

POE EXTENDER
EXTENDS UP TO 100M

▶ Bandwidth: 10/100Mbps

Cables

(OUTDOOR CABLE)

05062705 | **UNA4PRX7BLK-1MT**

UNAPPROVED CCA UTP/CAT5E CABLE
SOLID CORE (305M) – (PER METRE)

Perfect for those installing CCTV systems and don't want the cost of RG59U cabling.

▶ Economical alternative to CAT6 cabling when used only for video/audio/CCTV distribution.
▶ Not approved for typical network/communications networks

05062805 | **4PRX7BLU-1M**

CAT5E SOLID CORE UTP CABLE
(PER METRE)

High performance 100MHz CAT5e in-building distribution cable.

▶ Unshielded twisted pair (UTP)
▶ Compliant Standards EIA/TIA-568 Category 5e
▶ Wires per cable: 8 wires / 4 pairs per cable
▶ 24AWG solid pairs copper
▶ CMR rated & Kink resistant

05062825	**4PRCAT6BLU-1M**	CAT6 SOLID CORE UTP CABLE	Per Metre	●
05064012	**C6RBLU**	305M CAT6 SOLID CABLE - BLUE	Roll	●
05064014	**C6RGRN**	305M CAT6 SOLID CABLE - GREEN	Roll	●
05064016	**C6RGRY**	305M CAT6 SOLID CABLE - GREY	Roll	●
05064018	**C6RRED**	305M CAT6 SOLID CABLE - RED	Roll	●
05064020	**C6RYLW**	305M CAT6 SOLID CABLE - YELLOW	Roll	●
05064022	**C6RWHT**	305M CAT6 SOLID CABLE - WHITE	Roll	○
05064024	**C6RBLK**	305M CAT6 SOLID CABLE - BLACK	Roll	●

CAT6 SOLID CABLE
Available in durable 305 metre 5-ply pull-boxes with count-down metre-marking.

▶ Conductor Material: Bare Copper
▶ 23AWG (1/0.58 ± 0.02mm)

CAT6 CABLE CROSS SECTION

PE Jacket
Seperator
Insulation
Conductor
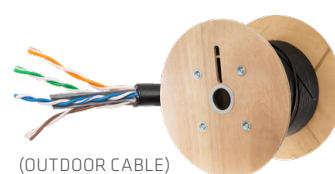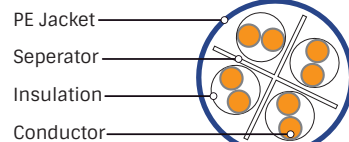
Connectors

30633930 | **PK3930**
30634005 | **PK4005**

RJ45 CAT6 & CAT5 8P8C MODULAR PLUGS
SUITS SOLID CORE CABLING

▶ 8P8C modular plug
▶ For solid wire application
▶ For CAT6 patch cord application

05062702 | **CAT6OUTDOOR** | WATER BLOCK TAPE CABLE | Per Metre | ●
05062703 | **CAT6OUTDOOR305** | 305M ROLL | Roll | ●

OUTDOOR SOLID CORE CAT6 CABLE

▶ Outdoor approved
▶ Made in Taiwan
▶ Water block tape technology—less messy than old jelly filled CAT6

OUTDOOR CAT6 CABLE CROSS SECTION

Seperator
PE Jacket
Insulation
Conductor
Water-blocking tape
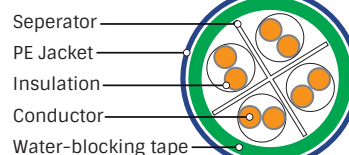
AHD: What is it?

Analog CCTV has held on despite digital technologies entering the market and becoming affordable. This is most likely due to how simple analog cameras are to install and setup. They don't need expert knowledge of networking and don't need infrastructure to be upgraded or newly installed. They also do not suffer from latency issues which make them ideal for real-time monitoring of sites.

Perhaps, with these factors in mind, it's no wonder that the CCTV boffins have figured out a way to bring industry standard, Full HD resolution video using analog technology! Yes, you can now get 5MP Full HD video using your Analog CCTV infrastructure. The only hardware you require upgrading is your DVR.

AHD offers uncompressed, real-time transmission over low cost cabling, at distances up to 500 metres! It is designed to be cable agnostic utilising a variety of coaxial cables.

Even if you choose not to upgrade your DVR, upgrading your cameras to our Doss AHD Cameras provides you with the highest quality CVBS image – 800TVL resolution.

AHD—5MP Full HD

Typical 700TVL

Bridging the divide

Doss' Hybrid DVRs allow you to connect Analog cameras (up to AHD resolutions) and IP cameras, all in one place!

OK, so AHD is great, but you may still want the option to move to IP-based CCTV as cost effectively as possible. Doss has a range of Hybrid NVRs that support analog inputs – up to AHD formats, including 960H – as well as IP Cameras!

This means you can still use your existing cameras and infrastructure, while installing IP Cameras in new locations. Allowing you to take your time upgrading your standard Analog cameras to 960H or AHD.
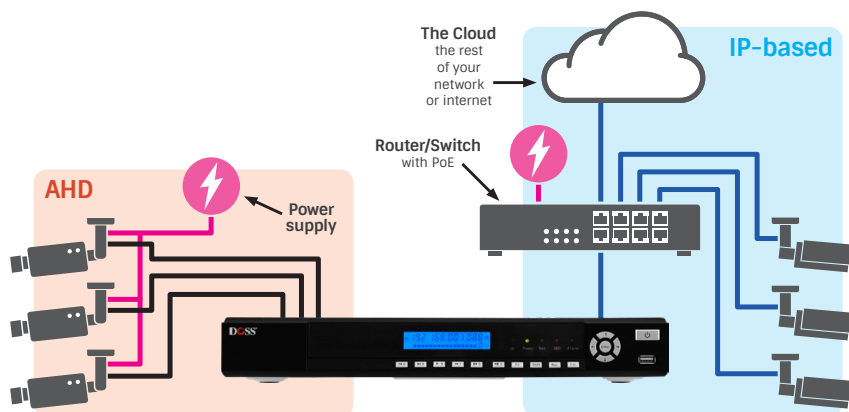
This is a perfect solution to take advantage of the latest technology without making your entire existing system redundant!

Hybrid 5-in-1 Digital Video Recorders

Upgrade your existing analog CCTV system with a Doss Hybrid DVR to future proof it! Keep your existing cameras, while allowing you to upgrade them to AHD, and adding IP cameras to your system!

▶ Compatible with 1080p & 720p AHD cameras

▶ Supports IPC hybrid access camera recording

▶ BNC/VGA/HDMI simultaneous output with 1080P HD preview

▶ Sync video recording, playback, remote monitoring & backup

▶ Remote access via WEB, Mobile viewer, Client and CMS

▶ Supports DDNS, EMAIL, UPNP, NTP and P2P

▶ Connections: Video Input, Network Interface, Alarm Input, Alarm Output, RS-485 & USB2.0

▶ 15x preview & playback zoom

43171112 | HBD4DVRV3

4CH HYBRID NETWORK DVR
1080P AHD IP CVI TVI & Analog

▶ Supports 4CH x (AHD+Analog+ CVI+TVI) + 4CH IPC, up to 8CH

▶ 15 times electronic zoom preview and playback video image

▶ EXT alarm, bi-directional talk

43171123 | HBD8DVRV3

8CH HYBRID NETWORK DVR
1080P AHD IP CVI TVI & Analog

▶ Supports 8CH x (AHD+Analog+ CVI+TVI) + 8CH IPC, up to 16CH

▶ 15 times electronic zoom preview and playback video image

▶ EXT alarm, bi-directional talk

43171132 | HBD16DVRV3

16CH HYBRID NETWORK DVR
1080P AHD IP CVI TVI & Analog

▶ Supports 16CH x (AHD+Analog+ CVI+TVI) + 16CH IPC, up to 32CH

▶ 15 times electronic zoom preview and playback video image

▶ EXT alarm, bi-directional talk

AHD, HD-CVI, & HD-TVI

So we've been talking a lot about AHD, but there are actually two other competing Analog HD formats on the market: HD-CVI and HD-TVI. They were all developed to provide real-time, progressive scan, analog HD video, using existing analog CCTV infrastructure.

The Chinese owned, Dahua brought us HD-CVI. With transmission distances up to 500m, it was adopted as the standard format of the HDcctv Alliance and is an off-shoot of HD-SDI technology. It is also proprietary technology and is only produced by one camera manufacturer, meaning it could easily go the way of Betamax and HD-DVD.

HD-TVI is backwards compatible with analog cameras meaning if your DVR is HD-TVI compatible, you will be able to use your old analog cameras until you want to upgrade them – something HD-CVI

cannot do. HD-TVI chipsets are manufactured by Techpoint (USA) and many big name hardware producers have adopted HD-TVI including Samsung and Hikvision.

AHD is an open format like HD-TVI, but is produced by many chipset manufacturers. Also like HD-TVI it is backwards compatible with analog cameras, reducing upgrade costs. In fact, AHD cameras will still work with your old CVBS DVRs via simple configuration.

So which format do you choose? It seems AHD and HD-TVI are going to battle it out, but in the meantime, you can be confident buying Doss. All new stock of our AHD camera range will work with all four format DVRs: CVBS, CVI, TVI, & AHD!

AHD Cameras

	DMM15AHDW ○ 43150250	DMW15AHDW2 ○ 43150242	DM30AHDW ○ 43150230 DM30AHDB ● 43150231	IN30AHDW ○ 43150265 IN30AHDB2 ● 43150262	DM30AHD5M ○ 43150280 **NEW**	IN50AHD5M ○ 43150300 **NEW**
Sensor	1/2.8" Sony CMOS Sensor	1/2.9" Sony CMOS Sensor	1/2.8" Sony CMOS Sensor	1/2.9" Sony CMOS Sensor	1/2.7" Sony CMOS Sensor	1/2.7" Sony CMOS Sensor
Resolution	2MP 800TVL (CVBS input)	2.43MP 800TVL (CVBS input)	2.43MP 800TVL (CVBS input)	2.43MP 1280H (CVBS input)	5MP 1280H (CVBS input)	5MP 1280H (CVBS input)
AHD Output	HD 1080p	HD 1080p	HD 1080p	HD 1080p	HD 1920p	HD 1920p
IR Distance	10-15m (24xØ5IR LED)	10-15m	20-30m (36xØ5IR LED)	20-30m (30xØ5IR LED)	15-20m (12xØ5IR LED)	20-30m (3xIRIII LED)
Lens	3.6mm M12	2.8mm M12	2.8-12mm M12	2.8-12mm	2.8-12mm	2.8-12mm
Signal to Noise Ratio	≥50db (AGC Off)	≥50db (AGC Off)	≥50db (AGC Off)	≥50db (AGC Off)	≥38db (AGC Off)	≥35db (AGC Off)
Power	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V

UTP Passive HD Video Baluns

43151308 | BVB4201PLHD

HD VIDEO
▶ Compatible with HD-TVI, HD-CVI, AHD and CVBS
▶ Up to 300m 720P AHD
▶ Push in terminal

43151312 | VPB45HD

HD VIDEO+POWER
▶ Compatible with HD-TVI, HD-CVI, AHD and CVBS
▶ Up to 300m 720P AHD

43151320 | VPB45PCDHD

HD VIDEO+POWER CONVERTER
▶ Compatible with HD-TVI, HD-CVI, AHD and CVBS
▶ Up to 300m 720P AHD
▶ Converts 28V–36V to 12V

43151330 | VPPB45HD

HD VIDEO+POWER+PTZ
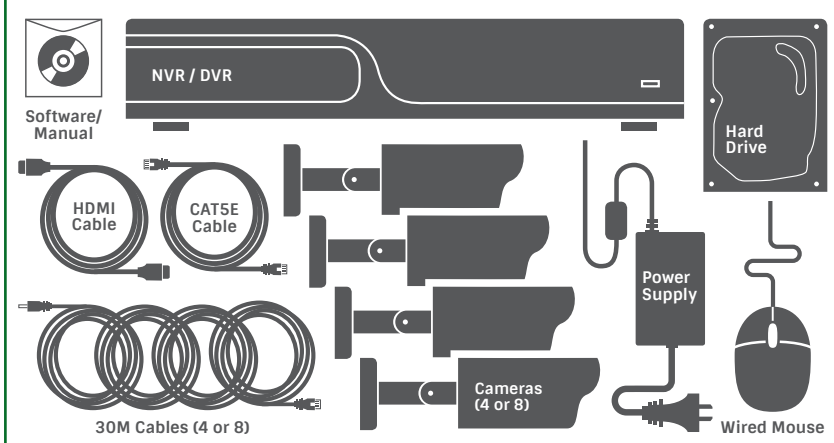▶ Compatible with HD-TVI, HD-CVI, AHD and CVBS
▶ Up to 300m 720P AHD

All in One CCTV Kits

Have you been shopping around for a CCTV system but couldn't make a decision amongst all the available and confusing options on the market? Are you unsure on which cameras work with which video recorders, what are the ideal cables to use, how to supply power to the entire system, etc?

Well, Doss has worked towards taking away that headache and hassle by make things simple. By tailoring a few CCTV kits together that focus on product comparability and ease of use, we've created a convenient solution that provides you with everything you need for an effective home or work place CCTV system.

Everything you need in one convenient kit

Software/Manual
NVR / DVR
Hard Drive
HDMI Cable
CAT5E Cable
Power Supply
30M Cables (4 or 8)
Cameras (4 or 8)
Wired Mouse

43171202 | **IP8INK**
43171203 | **IP8INKSC**   (Spare Camera)

8CH NVR/1080P IP CAMERA KIT

▶ 1080p IP camera x 8
▶ 30m IR range
▶ Easy remote viewing on PC, Android, or iOS
▶ All accessories included to plug and play!
▶ 2TB Seagate SkyHawk HDD pre-installed

PLEASE NOTE: The NVR and IP cameras in this kit have been specifically designed to work exclusively with each other. The NVR will not provide PoE functionality to third party cameras, nor will the included IP cameras be powered by third party NVRs. For those setups you have to make sure you provide power to the cameras separately.

Kit comes with:

- 1x 8 channel NVR
- 8x IP bullet cameras
- 1x 2TB Seagate SkyHawk hard drive [pre-installed]
- 8x 30m Cat5e cable
- 1x HDMI cable
- 1x CAT5E cable
- 1x Power Supply
- 1x Wired mouse
- Software/Manual CD

43171204 | **AHD4INK**
43171205 | **AHD4INKSC**   (Spare Camera)

4CH DVR/1080P AHD CAMERA KIT

▶ Hybrid DVR up to 8CH, 4CH x (AHD + Analog) + 4CH IPC
▶ 30m IR range
▶ Easy remote viewing on PC, Android, or iOS
▶ All accessories included to plug and play!
▶ 1TB Seagate SkyHawk HDD pre-installed

HANDY TIP: This Hybrid DVR allows you to add up to 4CH IP cameras to your system to make it an 8CH DVR.

Kit comes with:

- 1x Hybrid 4 channel DVR
- 4x AHD bullet cameras
- 1x 1TB Seagate SkyHawk hard drive [pre-installed]
- 4x 30m BNC + power lead
- 1x HDMI cable
- 1x CAT5E cable
- 1x Power Supply
- 1x Wired mouse
- Software/Manual CD

SOLAR POWER

NEW

43160180 | **IP1SK**

SOLAR POWER IP CAMERA KIT

The perfect solution for instances where you need outdoor surveillance at locations that have no running power!

▶ 6mm 1080p 2MP Starlight 4G Wi-Fi outdoor camera
▶ No need to preset camera, P2P Plug & Play, with QR scan code to view
▶ Supports Onvif Protocol and all standard browsers
▶ Maximum 9 Wi-Fi users, with a total of 6 live online visitors
▶ 2x12AH lithium batteries recharged by adapter or solar power
▶ Inbuilt 16GB for up to 3 days 1080p video recording (Max. 128GB)

Kit comes with:

- 1x Solar-panelled Camera
- 1x Wi-Fi Antenna
- 2x 4G Antennas
- 1x Network Cable
- 1x Battery Connector Cable
- 1x Power Adapter
- 1x Wall Bracket (with mounting guide, spanner & screws)
- Software/Manual CD
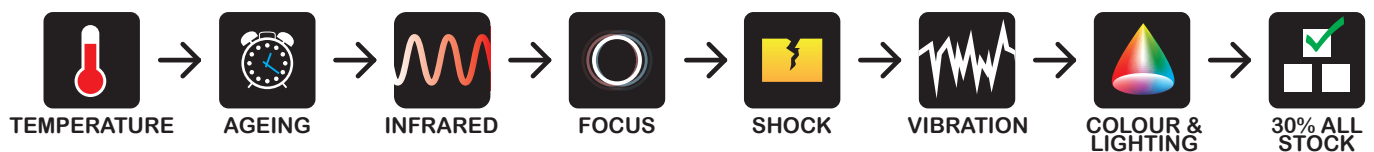- User Manual

Factory Quality Control

Here at Doss, we strive to provide our customers the best quality products at reasonable prices. As such, our factories adopt many manufacturing techniques and strategies that ensure our products meet the highest standards. An inspection of our camera factory shows us just what lengths they go to, to ensure a reliable product.

Unlike some factories, all PCBs are produced and assembled in-house and tested thoroughly before assembly. Any defective circuit boards are able to be diagnosed at chip level and, if possible, are repaired.
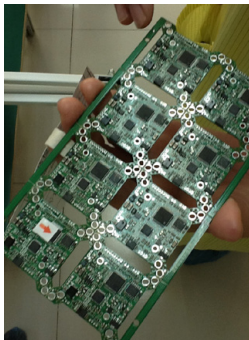
Once assembled, every camera is tested to ensure they operate over their specified minimum and maximum temperature range in a large oven-like machine, and aged before continuing the testing process.

First their infrared capabilities are tested to ensure a quality image in 0 Lux (ie using only the cameras' built-in IR LED lighting). Next the focus is checked using charts. The cameras are then subjected to impact shock and vibrations and rechecked to make sure camera construction is solid. The cameras are then put through their paces in a number of lighting conditions and scenarios, and only those that meet the high standard make it through.

As if that wasn't enough, after all testing is completed, 30% of all cameras in storage awaiting shipping are picked at random, and retested using this method. So you can be confident when you buy a Doss CCTV camera, you are receiving a quality camera!

TEMPERATURE → **AGEING** → **INFRARED** → **FOCUS** → **SHOCK** → **VIBRATION** → **COLOUR & LIGHTING** → **30% ALL STOCK**

Factory tour

1 Faulty component identified on PCB to be repaired or replaced.
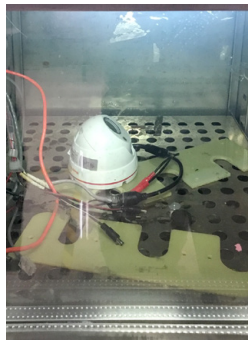
2 Products pass through a -40° to 60° temperature test – in a combination fridge-oven!

3 Cameras are put through the ageing stage. Wrapped in bubble wrap and at high temperatures.

4 Testing cameras in different light and colour variations, including dark room/low light conditions.
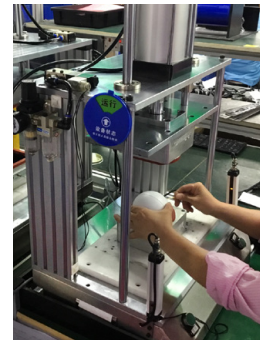
5 Staff select at random 30% of all completed stock and unpacks them for repeat testing.

Splitter & Repeaters

43151166 | **SDI2SP**

1-IN 2-OUT
▶ Supports: 3G-SDI, HD-SDI, SDI
▶ Up to 120m Data Rates

43151176 | **SDI4SP**

1-IN 4-OUT
WITH AUDIO EXTRACTION
▶ Supports: 3G-SDI, HD-SDI, SDI
▶ Up to 120m Data Rates

Converters

64550062 | **AHD2HDMI**

TVI/AHD TO HDMI CONVERTER
▶ 1 looping TVI/AHD output
▶ Max output supports HDMI 1080p@60Hz
▶ Up to 300m over coaxial cable

64550065 | **SDI2HDMI**

SDI TO HDMI CONVERTER
▶ 1 SDI loop-out
▶ SDI/HD-SDI to HDMI
▶ Supports 1080p @ 25/29.97/30/60Hz
▶ HDCP Compliant

64550075 | **HDMI2SDI**

HDMI TO SDI CONVERTER
▶ 2x SDI outputs
▶ SDI/3G-SDI/HD-SDI
▶ HDCP Compliant

Common Image Issues

High Frequency Interference

This occurs when cables pick up high frequency EMI – this can even be RF. High frequency sources can also be light switches/dimmers, fluorescent lighting, TVs or CRT monitors, or any other device that switches power quickly.

It can cause symptoms that range from rolling coloured bands, to wavy, dynamic patterns over the image. Using twisted pair or balanced cabling is usually the best way to combat such interference.

Recommended Product:
Doss Passive UTP Video Baluns

Ground loops

Ground loops occur when two points, assumed to be the same voltage potential (ie. ground), are in fact different. It generally happens when the camera is not grounded at the monitoring/recording equipment, but at the point it is mounted (or even both locations).

This can result in "hum bars", picture tearing, cross-talk (or ghosting) and image rolling. Fitting a Ground Loop Isolator or rectifying incorrect grounding will fix most issues.

Recommended Product:
GLI02 Ground Loop Isolator

Tips for a great picture

▶ Ground signal cables/equipment only at one point – ie the recording system / monitoring end. This also means not grounding the camera bodies or brackets.

▶ Keep runs of cable as short as possible and away from interference sources such as high voltage lines.

▶ Use quality connectors and cables with correct specifications.

▶ Use twisted pair baluns and cabling – this will massively resist electromagnetic interference.

BNC Accessories

1	30256113	PA6113	BNC PLUG TO RCA SOCKET
2	30255720	PA5720	BNC SOCKET TO RCA SOCKET
3	30255701	PA5701	BNC SOCKET TO RCA PLUG
4	30256001	PA6001	BNC PLUG TO BNC PLUG
5	30255990	PA5990	BNC PLUG TO 'F' SOCKET
6	30521038	PG1038	CRIMP PLUG TO SUIT RG59U
7	30256117	PA6117	BNC PLUG TO RIGHT ANGLE BNC SOCKET
8	30521092	PG1092	COMPRESSION BNC PLUG TO SUIT RG59
9	30521001	PG1001	RIGHT ANGLE BNC PLUG SCREW TERMINATED

43151075 | GLI02

VIDEO GROUND LOOP ISOLATOR

▶ Reduce picture rolling, tearing and noise
▶ Weather-proof design. No power required
▶ Solve ground loop issues without tracing inaccessible cables

43151078 | VSP01

COAXIAL VIDEO SURGE PROTECTOR

▶ Lower insertion loss & quicker response time
▶ Large through-flow capacity, long life
▶ Easy installation and convenient maintenance

43158110	CEL5M
43158115	CEL10M
43158120	CEL15M
43158125	CEL20M
43158130	CEL30M

BNC CAMERA EXTENSION LEAD WITH POWER

▶ Tamper-proof & Weather Resistant
▶ High Quality Connectors
▶ BNC Plug to BNC Plug
▶ 2.1mm DC Socket to 2.1mm DC Plug

CCTV UTP Passive BNC & RCA Baluns

43151090 | BVB4200WP

WATERPROOF BNC VIDEO BALUN

▶ Transmits composite baseband video over UTP up to 400m in real-time. No power required Waterproof. Surge protected

43151096 | BVB4100P

PUSH IN TERMINAL BNC VIDEO BALUN

▶ Transmits composite baseband video over UTP up to 400m in real-time. Surge and lightning protected. No power required

43151304 | BVB4102SHD

SCREW TERMINAL BNC VIDEO BALUN

▶ Real-time transmission over UTP CAT5e/6. Compatible with NTSC, PAL & SECAM video format. No power required
▶ HD-TVI, HD-CVI, AHD & CVBS

43151105 | CVB1001

RCA COMPOSITE VIDEO BALUN

▶ Gold plated RCA Plug
▶ Screw terminal connection
▶ Up to 305m

Analog CCTV Testers

43150571 | D305

3.5" PTZ CCTV SECURITY TESTER

12V 1A OUTPUT RS485 AUDIO UTP

▶ Compatible with more than 30 protocols including PELCO-D/P, Samsung, Panasonic
▶ Video playback, snapshot, video record and playback
▶ Analog camera display and PTZ control
▶ IP address search and PING testing

43150573 | T700A

7" CCTV TESTER

ANALOG, HD CAMERAS, IP CAMERA

▶ 1280x800 Resolution
▶ Network Function Testing
▶ For Analog, IP, HD-SDI, HD-CVI & AHD Cameras

43150573 | B-T700A (BATTERY FOR T700A)

43150521 | M035LCD

3.5" PALM WRIST LCD MONITOR

▶ 3.5 TFT LCD monitor with OSD menu
▶ Video System input: PAL/NTSC
▶ Mounting bracket
▶ 4x 2500mAH NiMH rechargeable "AA" batteries
▶ Resolution: 480 x 360 pixels

Mounting Brackets

43150930 | J38 ●
43150936 | J38W ○
43156125 | J38BW ○

WALL MOUNT BRACKET FOR DOME30 CAMERA

▶ Suits Doss DOME30 cameras
▶ Available in Dark Grey or White

43156120 | P06IPG ●
43156122 | P06IPW ○
43156130 | P06DW ○

MOUNTING BRACKET FOR IP CAMERA

▶ Ø120mm x 39.5mm
▶ Camera mounting holes: 70x70mm

43156005 | CBP001

SMALL BEIGE CAMERA BRACKET

▶ Ball and socket articulation
▶ Any position or angle possible!
▶ Material: Plastic
▶ 150X90mm plastic max. 3Kg

43156060 | CBA005

ALUMINIUM CAMERA BRACKET

▶ 135º tilt / 360º turn
▶ Powder-coated cast aluminium
▶ Max. 10kg camera + housing 300x100x85mm

Balun Factory & Quality Control

Finding a Factory

Doss knows how important reliability is when it comes to security systems. We understand installations are often complex, and replacing faulty components once installed can often be a nightmare. And we frankly don't like replacing faulty products!

Not only is reliability an important factor when sourcing products, but so are the features of the products. We want to be proud of the products we sell – so we look for products that give our customers real value for money. Value to us means features and reliability that save you time and money. For this reason we search for factories with the same ethics and take true pride in their products.

That's why we source our products from only the best factories we can find. Doss only chooses factories that have a strong focus on producing a high-quality product our customers can rely on.

Our range of CCTV Video Baluns have been specially sourced for their quality and reliability.

The factory goes through a stringent quality control process to ensure:

1 That all of the balun balance coils are actually manufactured in-house to ensure the components meet the engineers' specifications completely.

2 Only the best materials are used. For example, only **100% copper** is used in the manufacture of the balun coils. Not only the quality of the material is important, but more windings are added to the balun coils than typical balun coils, to reduce variation in signal responses.

3 **All** passive components manufactured in-house are tested thoroughly to ensure they are not defective and are within the very tight specifications.

4 Every active device produced is worn-in for at least 72 hours before passing testing, resulting in a product you can be sure works out of the box.


In-house manufacture of balun coils means all parts meet high standards. 100% copper is used to ensure minimal imperfections and impurities, reducing variation in signal quality.

All products produced in-house are tested thoroughly. Every passive component is tested to ensure specifications are met. All active products are aged for a minimum of 3-days.

Balun Design Decisions
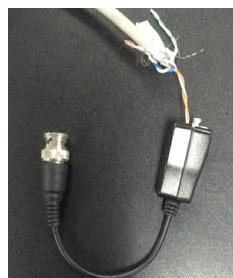
Strong durable push-pin terminals can hold up to 10kg of weight – the copper conductor is not sandwiched by flat metal terminals, rather the terminal grips onto the conductor tighter when it's pulled!

An internal shot of one of our passive video baluns: it may be small but there's a lot in even our basic model. It features a 100% copper balance coil that has finer wire, but more winds for a more uniform winding (helps reduce eddy-currents and therefore improves signal quality).

Our power hubs feature exactly the same components and features as the individual baluns – only possible when a factory produces all their products in-house.

This ensures compatibility between all devices and that they all work together with-in specification.

Our baluns (left x2) may look like other baluns (right) but there are some massive differences that you can't see.

The conductor pin in our BNC plugs and sockets are 100% copper which improves impedance matching, and reduces signal losses. Our baluns all have built-in surge protection and the balance coils are all specially engineered and tested in-house!
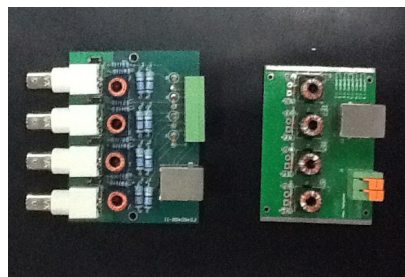
Our Doss passive balun hub (left) vs another brand (right). Components used are over-rated to ensure down-time and maintenance costs are kept low.

You can also see there is simply more copper in our balance coils, and the windings are evenly distributed to ensure a nice, clean signal.

There are several different forms that our baluns come in. Sealed for weather-proof installation, small and compact for direct connection to camera bodies, and several different terminations: screw, push-pin, solder, and also RJ45 socket.

Big features in a small package: PTC self-resettable over-current protection, surge protection, quality balance coils and easy to install RJ45 connection.

The new range of screw terminals and push-pin terminals are made from harsh-environment tolerant non-recycled plastics.

Video Balun Power Hubs

Why Baluns?

The Doss Range of UTP Baluns allow you to connect your CCTV system using cheaper, thinner, lighter and more readily available CAT5E cable, rather than expensive and bulky RG59U cable.

The passive (non-amplified) baluns allow transmission of real-time CCTV video signals and power over cost-effective Unshielded Twisted Pair (UTP) cable, without any compression, loss or signal degradation and without the need for extra power supplies to be installed. Sending camera power over the same twisted pair as video means less cabling, and no power supply required to be installed near to the camera. Baseband (composite) signals of any type are supported.

In addition, all Doss BNC baluns feature built-in surge suppression to protect video equipment against damaging voltage spikes.

43151135 | BP4CH12V5A

4CH 12V 5A HUB

▶ Receive video signal up to 400m
▶ Transmit 12V DC power up to 250m
▶ Powers up to 4 cameras with built-in 12VDC/5A supply
▶ 1 Hub + 4 Video Power Baluns

43151140 | BP8CH12V8A

8CH 12V 8.5A HUB

▶ Receive video signal up to 400m
▶ Transmit 12V DC power up to 250m
▶ Powers up to 8 cameras with built-in 12VDC/8.5Amp supply
▶ 1 Hub + 8 Video Power Baluns

43151145 | BP16CH12V16A

16CH 12V 16.5A HUB

▶ Receive video signal up to 400m
▶ Transmit 12V DC power up to 250m
▶ Powers up to 16 cameras with 12VDC/16.5Amp supply
▶ 1 Hub + 16 Video Power Baluns

DOSS IN30AHDB CAMERAS

DOSS VPB45 VIDEO BALUNS WITH POWER

DOSS BP8CH12V8A BALUN HUB WITH POWER

UTP CAT5E (up to 250metres)

TO 4x CAMERAS VIA 4x VIDEO BALUNS WITH POWER

100-240VAC

UTP Passive Video Baluns with Power+Data

43151205 | VPBPP

VIDEO+POWER

▶ Video transmission up to 400m Power transmission up to 250m
▶ Interference rejection & surge/lightning protected
▶ Push in

43151207 | VPAB45

VIDEO+AUDIO+POWER

▶ Video transmission up to 400m Audio transmission up to 600m Power transmission up to 200m
▶ Built-in Transient Voltage Suppressors for surge and lighting protection
▶ RJ45

43151225 | VPPBPP

VIDEO+PTZ+POWER

▶ Video transmission up to 400m PTZ transmission up to 200m Power transmission up to 250m
▶ Interference rejection & surge/lightning protected

CAMERAS

VPPB45 VIDEO BALUNS WITH POWER & PTZ

DOSS RPDVR4CH

VPPB45 VIDEO BALUNS WITH POWER & PTZ

UTP CAT5E (up to 250metres)

DOSS KT301 PTZ CONTROLLER

Wall Mount Power Supplies

The Doss range power supply boxes also knows as a power distribution boxes offer a great power solution for CCTV system as well as other systems powered by DC 12V. It enables surveillance system installers to easily manage the power to multiple CCTV cameras at a central point and allows your camera installation to be neat and secure. The Doss power supply boxes are very simple to install, simply screw each camera's power cable into the power supply terminal inside the power supply box.

	PW0412B05 33774960	PW0912B10 33774967	PW1612B16 33774990	PWU0412W05 33775000	PWU0812W10 33775005	PWU1612W16 33775015
Outputs	4-Way	9-Way	16-Way	4-Way	8-Way	16-Way
Rating (Total)	12VDC / 5A	12VDC / 10A	12VDC / 16A	12VDC / 5A	12VDC / 10A	12VDC / 16A
5kA surge protection	✔	✔	✔	✔	✔	✔
Individually PTC protected outputs	✔	✔	✔	✔	✔	✔
Battery Backup / UPS				✔*	✔*	✔*

* Battery not included

Why are PTC resettable fuses so common in Doss products?

For over-current protection and power recovery, PTC fuses are a great solution. If the manufacturer pays a little extra and uses PTCs, the system will require less maintenance and downtime is reduced. They provide protection like a fuse, but are capable of self-resetting, so no maintenance or repair is required when something goes wrong.
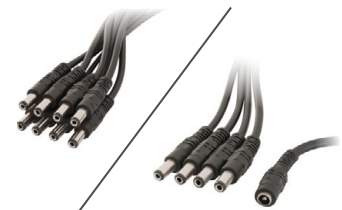
33774935 | PD009

1-IN 9-OUT POWER DISTRIBUTOR
▸ Individually PTC self-resetting protected outputs: 1.1A
▸ Individual status LEDs
▸ Supports up to 30V AC/DC

33774940 | PR816-12R

8A 16-PORT DC 12V REGULATED PSU
▸ 12VDC/8Amp power supply
▸ 16x 0.5Amp outputs
▸ Individual PTC self-resetting protection on each output

30978204 | PW8204   4-WAY
30978208 | PW8208   8-WAY

2.1MM SOCKET TO 4X/8X 2.1MM PLUGS
▸ 2.1mm DC Power Socket 20cm Lead / 14cm
▸ 2.1mm DC Power Plugs with 28cm Lead / 13.5cm

33771335 | SM1240

DC Power Supply – 12V/4Amp
▸ Switchmode with MEPS class V efficiency
▸ Short-circuit protection
▸ Auto reset
▸ 2.5mm DC plug
▸ Mains Cable supplied

33774436 | SM1540

DC Power Supply – 15V/4Amp
▸ Switchmode with MEPS class VI efficiency
▸ Short-circuit protection
▸ Auto reset
▸ 2.1mm DC plug
▸ Mains Cable supplied

33771340 | SM1250

DC Power Supply – 12V/5Amp
▸ Switchmode with MEPS class V efficiency
▸ Short-circuit protection
▸ Auto reset
▸ 2.1mm Plug
▸ Mains Cable supplied

33771345 | SM1265

DC Power Supply – 12V/6.5Amp
▸ Switchmode with MEPS class VI efficiency
▸ Short-circuit protection
▸ Auto reset
▸ 2.1mm Plug
▸ Mains Cable supplied

Why do I need a voltage converter?

There are two common applications – Stepping down higher voltage DC power and secondly, converting from 24V AC power down to 12V DC.

For Doss CCTV, we test cabling and cameras at 100m distance. The biggest limitation to the distance is the voltage drop in the cabling – if you feed 12V into the system, 100m later, you might be left with, say, 7V. If it is a 200m or 300m run, at some point the voltage will be too low to operate the cameras.

One solution is to input say 24V DC and use a voltage converter ensure the supply to the camera is regulated at a safe 12V DC level. 24V AC is also commonly used in security installations. Since all Doss cameras operate on 12V DC, you'll need a voltage converter behind the camera to fit your camera into an existing 24V AC System.

33774925 | PC500

DC/AC TO 12VDC CONVERTER
▶ 2.1mm DC plug
▶ Regulated output, 500mA max
▶ Convert AC: 14-24VAC or DC: 15-30VDC to 12VDC
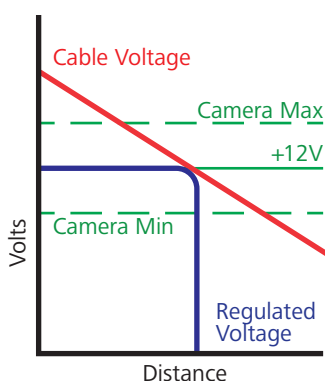
33774930 | PC1A

DC/AC TO 12VDC CONVERTER
▶ Screw Terminals
▶ Regulated 1000mA max
▶ Convert AC: 18-26VAC or DC: 18-28VDC to 12VDC

30978019 | PW8019

2.5MM SOCKET TO 2.1MM PLUG
▶ 2.5mm Socket to 2.1mm Plug
▶ Can convert plug sizes of power supplies for use with 2.1mm DC extension and splitter leads

Graph: Volts vs Distance — Cable Voltage, Camera Max, +12V, Camera Min, Regulated Voltage

30978018 | PW8018

SCREW TERMINATED DC PLUG
▶ 2.1mm DC plug

30978050 | PW8050

SCREW TERMINATED DC SOCKET
▶ 2.1mm DC socket

05052023 | RG59U-1M
05052024 | RG59U-100M

RG59U SOLID CORE COAX CABLE
▶ 1/∅0.65mm Copper Clad Steel core
▶ Braided screen: 16/7/0.14 OFC(88%)
▶ Wave impedance: 72±3 Ohm (@ 200MHz)
▶ Capacitance: 73±5pF/m

05062038 | CCTVCOM24-1M
05062039 | CCTVCOM24-100M
05062045 | CCTVCOM24-250M

RG59U & POWER COMBO CABLE
▶ Bonded CCTV RG59U and Double Insulated 2 core power cable
▶ Easy to install power and video at same time!

Common Wiring Colours

These are common colour codes for various security equipment, however check with your hardware's installation documentation before connecting to an existing system!

4-core	4-core alt.	6-Core
+ PWR	+ PWR	+ PWR
ALARM SIG		ALARM SIG
ALARM GND		ALARM GND
	ALARM SIG	TAMPER SIG
	COM (TAMPER)	TAMPER GND
PWR GND	PWR GND	PWR GND
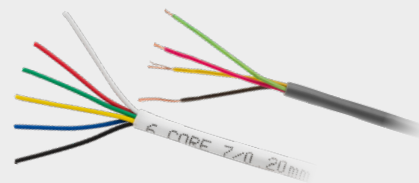
05062008 | 4X7-.25C-1M | 4-core ●
05062024 | 6X7-.25C-1M | 6-core ○

4-core / 6-core cable
▶ 4-core (4.8mm∅)
▶ 6-core (5.5mm∅)
▶ Great for alarm signal lines

FIGURE-8 24/0.2 TWIN-CORE

05093003	2X24-.2PB-1M	BLACK ●
05093004	2X24-.2PBR-1M	BROWN ●
05093005	2X24-.2PW-1M	WHITE ○
05093006	2X24-.2PG-1M	GREY ●

DOUBLE INSULATED FLAT 24/0.2 TWIN-CORE

05093020	2X24-.2DSW-1M	WHITE ○
05093026	2X24-.2DSR-1M	RED ●

TWIN POWER CABLE
▶ 2-core x 24 strand (0.2mm). PVC Insulation
▶ Sold per metre. Available as 100 metre roll

|			
05492050	6RCCB	6MM	●
05492051	6RCCW	6MM	○
05492060	15RCCB	15MM	●
05492061	15RCCW	15MM	○

NAIL-DOWN CABLE CLIPS
▶ 6mm round cable clip to suit RG59U
▶ Pack of 100 pieces
▶ 15mm square cable clip to suit bonded RG59U+Power or Twin RG59U cables

Intimidation Products

Whether you have the budget to install a state of the art security system or require a more economical option to protecting your premises, we at Doss strive to provide you with an ideal solution.

When it comes to security, sometimes intimidation can be an effective means of crime prevention. Keeping that in mind, Doss has developed a range of cost-effective products, from security signage to dummy cameras, that may aid our customers in feeling secure whilst warding off any would-be law-breakers.

Warning Signs

01304704 | SNA4

CCTV VIDEO CAMERA SIGN
A4 SIZE ACRYLIC

▶ Prominent warning sign for CCTV or dummy surveillance applications
▶ Made by acrylic for durability, outdoor weather-ability and UV resistance
▶ Easy for installation and maintenance
▶ An ideal product for alerting people

01304703 | SN120

CCTV SECURITY SIGN
120 x 120MM ACRYLIC

▶ Prominent warning sign for CCTV or dummy surveillance applications
▶ Made from acrylic for durability, outdoor weather-ability and UV resistance
▶ Easy for installation and maintenance

Dummy Cameras

43150403 | S9179A

DUMMY SECURITY CAMERA SOLAR

▶ Includes built-in lithium battery and solar panel charger for illuminating the warning LED

43150406 | DCIN11B ●
43150407 | DCIN11W ○

DUMMY BULLET CAMERA WITH LED

▶ Powered by 2x "AA" batteries (lasts for 3-6 months)
▶ 25mm black plastic lens

43150411 | DCDM30B ●
43150412 | DCDM30W ○

DUMMY DOME CAMERA WITH LED

▶ Blinking red LED light
▶ Powered by 3x "AA" batteries

Presence Detection

NEW

01301665 | DEA7WL2 | Kit
01301664 | SPK300 | Extension Speaker

WIRELESS DOOR BEAM ENTRY ALARM

▶ Easy to install, compact & wireless
▶ No wiring required between the sensor & speaker. Up-to 100m wireless range
▶ Sensing range 0.5-7m
▶ Weatherproof photoelectric beam sensor, ideal for outdoor & indoor use
▶ Power Supply: DC 12V

NEW

01301656 | DES700 | Kit
01301658 | SPK200 | Extension Speaker

WIRED SECURITY DOOR BEAM / CHIME

▶ Compact and easy to install
▶ 10m lead connection between speaker and photoelectric beam sensor
▶ Sensing range: 0.5-6m
▶ Adjustable Alarm timing: 3-30 seconds
▶ Adjustable speaker volume
▶ Power Supply: DC 12V

01308066 | PM100

SECURITY PRESSURE MAT / PAD
FLOOR PRESSURE MATS ARE DESIGNED TO DETECT A PERSON TREADING ON THEM.

▶ High impact PVC material
▶ Trapped air cushion
▶ Size: 800x540mm

01305510 | RSC40

ROLLER-DOOR REED SWITCH
HEAVY DUTY REED SWITCH FOR ROLLER DOORS

▶ N.C. contacts
▶ Reed switch size 88x38x10mm
▶ Armoured cable length 280mm

Video Intercoms

Video Intercoms

The Doss DHF Hands-free Video Intercoms are an economical, convenient solution for any home security. Give yourself some peace of mind with the ability to see who's at your door before opening it!

Multiple configurations are possible with up to 2 door stations and up to 3 monitors. You can even mix and match between the models to create the video intercom system that suits you and your home!
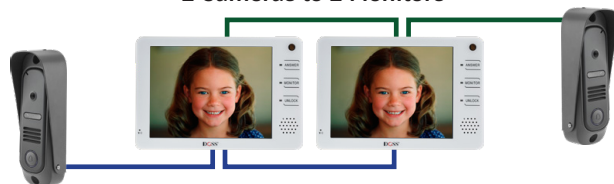
2 Cameras to 2 Monitors

1 Camera to 3 Monitors

21816230	**DHF72C**	7" MONITOR & CAMERA KIT
21816227	**DHF72SM**	EXTRA 7" MONITOR
21816232	**DSC72**	EXTRA DOOR CAMERA
21816217	**DSPC72**	EXTRA DOOR CAMERA CCD

7" HANDSFREE VIDEO INTERCOM

- 7" colour 800x600 HD TFT LCD
- Capacitive touch-buttons
- Hands free and door lock
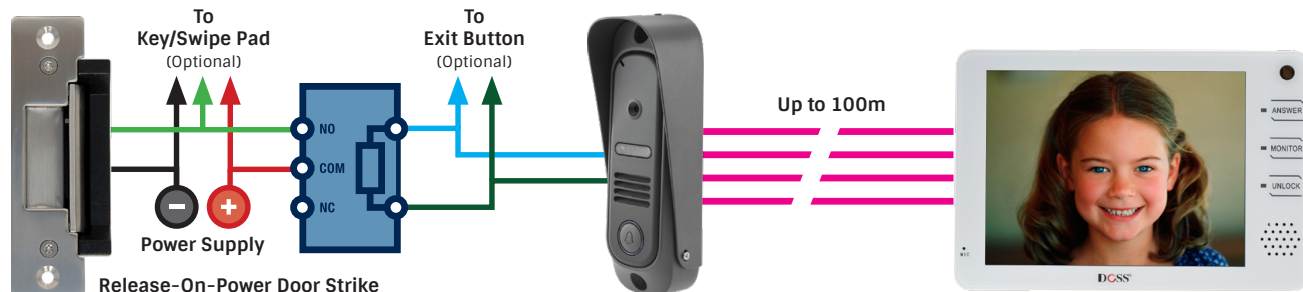- Slim design surface mount CMOS Camera
- 4 wire system

	1	2	3
1	✓	✓	✓
2	✓	✓	✗

Connecting to Access Control System

To Key/Swipe Pad (Optional)

To Exit Button (Optional)

NO

COM

NC

Power Supply

Release-On-Power Door Strike

Up to 100m

ANSWER

MONITOR

UNLOCK

Alarm Systems

01301035 | **WDA-M**

WIRELESS ALARM PHONE SYSTEM KIT
(MARKED STOCK)

- Wireless security alarm system with built-in phone
- Simple DIY installation within minutes – no wiring needed
- Choice of 24/7 back-to-base monitoring or self-monitor
- Remote control for Arming and disarming (ON) and (OFF)
- Medical Alert remote control (water resistance)
- Up to 100 sensors for multiple room window security

01301026 | **WDA-RC**

SPARE REMOTE CONTROL
FOR DOSS WDA-KIT

- Remote Control
- Power Supply 12V 27A
- Transmit Frequency: 433.92MHz ± 100kHz
- Transmit Distance: 100 metres (open area)

Face Recognition Cameras

DOSS® SECURITY

FACE RECOGN.

You can't stay faceless in a crowd anymore! With Face Recognition, know exactly who's out and about.

Identifying and tracking individuals on security surveillance has become a whole lot easier with the introduction of Face Recognition algorithms now embedded in new cameras and NVRs.

NEW

43161200   INF2MP

2MP FACIAL RECOGNITION CAMERA

FACE DETECTION, CAPTURE & TRACKING

▶ See Pages 3 & 4 for more details!

30° Head Tilt

Blacklisted   **Whitelisted**

Face Recognition cameras are a game changer in the world of security CCTV. Taking out the manual labour required to identify, document and track individuals, the new technology can perform the same task at lightning speed with higher accuracy.

Whether importing a database of facial images or using live footage to record faces, the camera can still correctly identify a person even with a 30° vertical or horizontal head tilt.

Not only do these remarkable cameras record and recognise faces, they can also estimate age and identify gender too.

This security solution is perfect for many different types of applications. It's ideal for checking student attendance in class, gaining access to office buildings for company workers, triggering alarms or sending alerts when spotting blacklisted individuals, cataloguing attendees at a crowded entry point to an event, the list is endless!

CALL 1800 337 366
FOR DOSS SUPPORT

OR

VISIT DOSS.COM.AU
FOR PRODUCT MANUALS, INFOSHEETS & DEALER LIST