2 Wires System

4 Wires System

Latest in home door intercom innovation. Intelligent systems with easy installation. With design & style to suit your decor.
Door Entry Security  
2 Wire Audio

AUDIO-ONLY INTERCOM

DOOR ANSWERING SYSTEM
A basic system comprises a H2-595A Door station with bell press announce and 2 Way audio connects via the H2 2-Wire system to a H2-DJ4. Power is supplied by use of a 24Vdc power pack and a DPS power injector. An EL971 Door Catch can also be used for door entry. All items are sold separately.

EXPANDABLE SYSTEM
The real value of this system is its expandability into an advanced programmable system of multiple door entry and monitors by use of additional H2 accessories. See manuals for details.

AUDIO-ONLY DOOR STATION
- Audio only, no camera.
- 2 Wire compatible.
- Door bell call button.
- Microphone and speaker to converse.
- LED indicators Talk/Unlock.
- Programable unit ID Code.
- Door strike output optional.
- Metal construction IP55.
- 24Vdc 60/200mA
- 137x49x28mm

Code: H2-595A

RAIN HOOD
SUIT H2-595A
Outdoor weather resistant rain shield zinc alloy.
Code: RH595

AUDIO-ONLY HANDSET
- Handset audio only phone intercom & door answer
- Touch sensor button modern style with LED display
- Programable ring tones for intercom or door station
- 2x door open buttons programable from 4 doors
- Compatible with all H2 outdoor & Indoor stations
- 24V (25mA/110mA)
- 187x97x33mm

Code: H2-DJ4

ANGLE BRACKET
SUIT H2-595A
Tilt door station to the left or right 30°. Outdoor weather resistant zinc alloy.
Code: AB595

AUDIO-ONLY POWER REQUIRED

INJECTOR
Inserts power from a 24V source and inserts it into the twisted pair line.
Code: DPS

POWER PACK
As required to power the DPS injector.
Volts: 24V, Amps: 1.2A
Code: SMP24V-1.2A-21R
2 WIRE DOOR VIDEO INTERCOM SYSTEM

Latest in home door intercom innovation. Intelligent twin wire system that helps in creating a quick, simple and economical installation. System setup is easy via the comprehensive yet simple menu system. With design and style to suit todays modern home decors.

- No Polarity, twisted pair, easily to wire solution. Use CAT5 or twin core drop cable.
- One common power supply to all type solution. PC6 will run 6 units, more use PS524.
- Supports from 1 to a Max. of 16 Monitors connected in one system (Use DBC4S)
- One or up to a Max. of 4 door video stations (Optional DBC4S is required)
- Each door camera can control 2 locks. Door locks are an optional extra (EL971)
- All 2-Wire H2 products are compatible. All operate on the same twisted pair wire.

H2 SYSTEM FEATURE EXPANSION

DOOR ENTRY CAMERA

IP45 WEATHER PROOF OUTDOOR
Sharp Brand Color CCD Camera in a heavy-duty outdoor station with rain cover. Attractive and stylish zinc-alloy housing. Strong water proof & tamper proof design. Camera’s viewing angle is adjustable. Name plate display with white LED lit. IR Illumination for 0 Lux night vision. 176x90x23mm. Requires cables.

Code:
H291RH

DOOR CAMERA KEYPAD

SURFACE MOUNT WITH RAIN HOOD
- Full stainless steel vandal proof
- 4mm plexiglass cover for protecting
- Keypad password access control
- Color CCD Camera with high resolution
- Name plate with background light
- Two locks control by separate password
- Max.80 groups passwords to be authorized to different users
- Infra-red LED for night view
- IP55 protection rate
- Rainy cover for surface mounting or full flush mounting by stainless steel panel
- H2 Two Wire Compatible

Code:
H2-96KP

REQUIRES POWER
Requires external 12V-24V for keypad.
Code:
SMP12V1A-21P

.ONE CAMERA TO TWO MONITORS

DUPLEX CAMERA

ONE CAMERA TO TWO MONITORS
Dual door control for two dwellings (Duplex). Compatible with two (or more) 2-Wire monitors. Two door call buttons with illuminated labels. Requires install cable, power, monitors, etc. IR Illuminated for 0 Lux night vision. Sharp brand colour CCD camera. Strong vandal proof design. Weather Shield. Outdoor. IP45. 176x90x23mm

Code:
H292RH
Sold separately. Requires cable and monitors.

DOOR CAMERA RFID

SURFACE MOUNT WITH RAIN HOOD
- Stainless steel vandal proof design
- Proximity access control via RF
- Includes 5 programable Key fobs
- Control 2 locks separately for each ID
- Color CCD Camera with high resolution
- Name plate with background light
- Infra-red LED for night view
- IP55 outdoor weather resistant
- Rainy cover for surface mounting
- Compatible with all H2 two wire systems

Code:
H2-96ID

REQUIRES POWER
Requires external 12V-24V for RFID.
Code:
SMP12V1A-21P
3.5” LCD COLOUR VIDEO DOOR INTERCOM H2

3-WIRE STATION COLOUR VERTICAL DESIGN

3.5” Color Digital TFT Screen 320x240px.
Compact and slim design to suit any decor.
White plastic casing with silver surround.
Modern vertical style, brushed aluminium trim.
Kit Includes monitor, powerpack DPS Injector.
All parts available separately for expansion.

- Entrance Monitoring view
- Auto On with Call button
- Converse with entrance
- Door open control with
- Optional Door Catch
- Up to two locks per station
- Intercom between monitors
- Monitors naming function
- GUI Menu system
- Selectable door chime
- Adjustable picture
- Light On (Req. DCU)
- Expand up to 16 units
- 220x110x20mm
- 210mA (on)

Details Code
Monitor w/ PC6 H2-254
Monitor Only M2-254

PC6 power supply and injector.

4” LCD COLOUR VIDEO DOOR INTERCOM H2

LOOK-C LOW-PROFILE WIDE-SCREEN

- High quality 4” TFT LCD Digital Screen
- Colour icon and text menu display OSD
- Plastic housing with aluminum front panel
- Streamlined & thin design. 23mm thin.
- Assorted melody chimes (x12) programable
- Compatible with all H2 outdoor & Indoor stations
- Power Supply 24Vdc (Optional)
- Standby 15mA; Working status 210mA (on)
- 4” Digital 4:3 TFT 320x240 pixels
- Wiring; 2-wire (no polarity) up to 100M
- 200x135x23mm

Details Code
Monitor w/ PC6 H2-254
Monitor Only M2-254

7" LCD COLOUR VIDEO DOOR MONITOR - TOUCH SCREEN H2

HIGH-RESOLUTION MONITOR WITH VISITOR RECORDING FEATURE

7” Color Digital TFT Monitor with touch screen and SD card recording.
Low-profile minimalist style in ultra-modern contemporary design.
No protruding buttons! Super sleek touch control. Back illuminated.
Full colour High resolution TFT LCD 16:9 wide screen 800x480px.
Easy icon GUI menu control for advanced feature set system.

- Digital TFT Screen
- Touch sensor button
- 118Mb Inner flash memory
- Max.16Gb SD card picture memory
- Home away auto memory
- 1/4/8 auto photo shooting
- Digital Photo Frame Playback
- Power supply: 24Vdc 400mA
- LCD 840x480px wide-screen
- 125x225x28mm

Record Details Code
No Monitor w/ PC6 H2-27SDD
No Monitor Only M2-27SDD
Yes Monitor w/ PC6 H2-27DT
Yes Monitor Only M2-27TD

PC6 Power Supply includes 24Vdc and Injector.
Accepts one or two door cameras, sold separately.
Expansion accessories available. See H2 system.

HANDSET AUDIO-ONLY

- Handset audio only phone intercom & door answer
- Touch sensor button modern style with LED display
- Programable ring tones for intercom or door station
- 2x door open buttons programable from 4 doors
- Compatible with all H2 outdoor & Indoor stations
- 187x97x33mm 24V (25mA/110mA) 2 Wire system

Code
H2-DJ4
**PC6 POWER SOLUTION H2**

Single mains power supply solution for two wire H2 system. H2 product compatible. 100-240Vac input. 80cm Lead or screw terminal. 28Vdc 1500mA Injector. DIN mount 140x90x60mm.

**POWER INJECTOR H2**

ALLOWS THE INSERTING ANY 24V INTO THE H2 SYSTEM

2-Wire system requires power to be inserted into the line to power all cameras and monitors from one point. Din rail mount. Requires 24Vdc

**TWISTED PAIR DROP CABLE**

High grade, high current, low loss, low capacitance. Extends distance of standard CAT5 runs by twice as far. Twisted pair in black PVC Jacket, ideal for running through walls and areas which are damp and prone to water penetration or applications where a better quality cable is required. 8mm Outer shiel 1mm thick. 3mm with 48 strands x 0.2mm x 2 core.

**POWER SUPPLY OPTIONS FOR DPS**

REQUIRES DPS H2 INJECTOR

2-Wire system is designed to be economical in power. For a single monitor and camera combination a 1A power supply will suffice, however, this may depend on losses over longer cables and expansion of system, etc. It is recommended that if the system is expanded using DBC4 then to use PS524V.

**SPLITTER 4-WAY H2**

BRANCH CONTROLLER

Splits 2-Wire system into Four video output for monitors. Extra BDC4’s can be added to the master line if required. or Four video inputs for combining door cameras with door control.

**SPLITTER 2-WAY H2**

2-WIRE BRANCH CONTROLLER

Alternative to daisy-chaining. Splits off main line for star wiring setups. Split a single line into two branches on each monitor. Each line length is up to 50 Metres. 2-Wire system compatible.

**CCTV CONTROL UNIT H2**

ANALOGUE VIDEO WITH LOCK CONTROL

Extend 2-Wire system to include an analogue camera input (up to 2 CCTV inputs). Includes 12Vdc out for camera power. Call button input. Control output for a door opener or light.

**DOOR STRIKE**

FAIL SECURE

Remote entrance Door catch release. Compatible with our door intercoms and other units. Requires a trigger of 12Vdc 500mA to enable a door to be pushed open. Mounts into the frame, replacing the door catch. Power supply NOT included.

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**Looking For More Information?**

Contact LOOK-C today for a complete range of products and solutions tailored to your specific security needs.
4 WIRE DOOR VIDEO INTERCOM SYSTEM

An easy to install digital colour video intercom system. Supplied as individual pieces so as to design your custom system that is expandable with additional items. Suitable for DIY home or office video security solutions. Add a door sentry today for low cost and peace of mind.

- 4 wires (polarized wiring) with simple setup.
- Cable is not supplied. Order to length required.
- Use common twisted pair (eg. CAT5) up to 100M.
- For lengths greater than 100M use H4BTU booster.
- System is expandable from 1 to 5 indoor monitors.
- System is expandable from 1 to 4 outdoor stations or standard CCTV cameras with optional H4MDS switcher.
- H424 & H427 are compatible on the 4 wire system however not all features are shared (eg. memory).

**H4MS 4-WAY CAMERA SWITCH & DOORWAY CONTROLLER**
For more cameras (up to 4) the additional H4MDS is required. H4MDS is also compatible with standard CCTV type cameras.

**4 CORE CABLE**
Tested with CAT5 cable for up to 100 metres for longer lengths or noisy environments, shielded cable is available. Please enquire.

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**4” LCD COLOUR VIDEO DOOR INTERCOM H4**

High resolution 4” TFT Digital LCD Screen in a wall-mount enclosure. Large illuminated talk button. Optional “unlock” door latch available. 210x160x25mm Low profile, attractive wall mount modern design. Intercom between additional monitors. Expands up to 5 units on a single 2-Wire system, up to 16 monitors with H4-MDS expansion module. Easy to install 4 Core cable solution. Order cable separately.

Requires H4 system door station camera sold separately. Includes mains power adaptor for monitor (also runs the camera). Optional Memory Module stores images captured during door bell press.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” Monitor</td>
<td>H424</td>
</tr>
<tr>
<td>Memory Module</td>
<td>H4MEM</td>
</tr>
</tbody>
</table>

Also available with video storage H4MEM captures any visitors while you are not at home.

**7” LCD COLOUR VIDEO DOOR INTERCOM H427DT**

LOOK-C LOW-PROFILE WIDE-SCREEN

Low-profile 23mm thick, 240x145mm monitor with frame in 2 colours. View full colour high resolution 7” TFT-LCD Screen 1440x234 pixels. Answer 1 or 2 doors via the video intercom (“up to 4 units w/ H4-MBF) Push button door opening function (Requires optional door latch) Expandable system to more H427 & H424 monitors & door cameras. Simple 4-wire system (Cable Not Included) up to 100 Metres of CAT5. Attractive & stylish wall mount unit, easy to install, setup and operate. Includes mains power adaptor for monitor (and one camera). SD Card memory model is available optionally, see below.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>7” Monitor</td>
<td>H427DT</td>
</tr>
</tbody>
</table>

**OPTIONAL RECORDING FEATURE H4**

128MB VIDEO MEMORY INBUILT - MicroSD EXPANDABLE

Automatic function for recording each door button press, ready for instant playback when you get home, to see who came while you were out! This unit stores 3x 10 second video captures plus a *SD micro expansion slot to extend this. Doubles as a Photo Frame SD memory image player too!* SD micro card up to 16GB is extra.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>7” Monitor SD Memory</td>
<td>H427SDD</td>
</tr>
<tr>
<td>Monitor Star Splitter</td>
<td>H4BDU</td>
</tr>
<tr>
<td>Quad Screen</td>
<td>H4QSW</td>
</tr>
<tr>
<td>Remote Light Switch</td>
<td>H4RLC</td>
</tr>
<tr>
<td>4GB microSD flash Card</td>
<td>TFC-4096</td>
</tr>
</tbody>
</table>
Door Entry Security  4 Wire Video

TAMPER PROOF CAMERA
IP45 WEATHER PROOF OUTDOOR
Sharp Brand Color CCD Camera in a heavy-duty outdoor station with rainy cover. Attractive and stylish zinc-alloy housing. Strong waterproof & tamper-proof design. Camera’s viewing angle is adjustable. Name plate display with white LED lit. IR Illumination for 0 Lux night vision. 176x90x23mm. Requires cables.

Code
H491RH

DOOR CAMERA KEYPAD
SURFACE MOUNT WITH RAIN HOOD

Code
H4-96KF

REQUIRES POWER
Requires external 12V-24V for keypad.

Code
SMP12V1A-21P

DOOR CAMERA KEYPAD
FLUSH MOUNT

Code
H4-96FKP

REQUIRES POWER
Requires external 12V-24V for keypad.

Code
SMP12V1A-21P

FLUSH MOUNT CAMERA
DOOR BELL INTERCOM
Attractive Silver colour plastic facia. Door call-Button with camera and Inbuilt speaker & mic to suit the 4-Wire system. Zero Lux Night-View with IR Illumination 150x95x45mm (30mm flush mounted) Requires 4 core cable and monitor. Available in kit form with monitor. Cable and optional door catch not supplied.

Code
H484

RAIN SHIELD
Aluminium hood. Flush mount or adapts H484 to surface mount.
Code
RH84

REQUIRES POWER
Requires external 12V-24V for RFID.

Code
SMP12V1A-21P

DOOR CAMERA RF ID
SURFACE MOUNT WITH RAIN HOOD
IP55 Full stainless steel design. Includes 5 programable Keys for Proximity access control. Inbuilt Color CCD Camera. Name plate with background light. Two locks control by separately through EM key fob. Compatible with all H4 two wire system.

Code
H4-96FID

IP45 CAMERA DUPLEx
SINGLE CAMERA TO TWO MONITORS
IP45 Weather resistant attractive Zinc alloy brushed aluminium styled door station with rain hood. Flush mount. Infrared illuminated. Dual name plate illuminated. Two button door bell push. 176x90x23mm

Code
H4-92RH

ONE CAMERA TO TWO MONITORS
Enables a single camera station to address Two separated video Look-C intercom systems (A/B). One camera with two doorbell buttons. Suit duplex house, business/ personal, granny-flat; dual-units, etc., etc. Requires Look-C 4-Wire monitors, Suitable for TWO doors. TWO door strikes. Requires 4 core cable. 196x112x39mm

Code
H4-86

DOOR CAMERA COMPACT

• Zinc alloy housing attractive design
• Outstanding audio performance
• Wide angle color CCD Camera
• High resolution Sony ACS 4T DSP
• High white led light for night view
• IP55 protection rated outdoor
• Compact 137x49x28mm
• Available with/without rain cover

NO RAIN HOOD
Code
H4-595

WITH RAIN HOOD
Code
H4-595SRH

ANGLE BRACKET
Tilts station left or right 30°
Code
AB595
HANDSET ONLY

EXPANSION OPTION WITHOUT MONITOR
Expands an existing intercom door answering system. Connects with any Look-C 4-Wire monitor units. Add-on to the monitor kit for use as an extra station for talking to other handsets, monitors or cameras. Buttons for answering/calling and door release control. Attractive white finish suits any decor. Wall mountable. System can include up to FIVE monitors and/or handsets. Three core cable for connecting to the system is required. No additional power is required. Suit 4-Wire system only.

Code VT672

MULTIPLE CAMERA AUTO-SWITCH

UP TO 4 DOOR CAMERAS
Compatible with “Cycle View”. Extends the 4-Wire system from 2 to 4 cameras total. Door strike control compatible. Works with video sources too! Connect cameras, CCTV, etc.

Code H4MDS

QUAD SCREEN & CAMERA MODULE ADD-ON

ALLOWS TO VIEW 4 CAMERAS ON ONE SCREEN
Enables combining 4 door cameras or normal composite cameras into the four wire system as well as also viewing all four cameras on a single screen by way of quad split screen. Quad or single viewing is switched at monitor.

Code H4QSW

DOOR STRIKE

FAIL SECURE
Remote entrance Door catch release. Compatible with our door intercoms and other units. Requires a trigger of 12Vdc 500mA to enable a door to be pushed open. Mounts into the frame, replacing the door catch. Power supply NOT included.

Code EL971

4-WAY STAR WIRE SPLITTER

AND SIGNAL BOOSTER
4-Wire monitors are usually wired in daisy chain fashion. If star type branch wiring is required then use this splitter to up to 5 monitors. Also suitable for strengthening signals for longer noisy runs.

Code H4BDU

REMOTE SWITCH

LOW VOLTAGE LIGHT SWITCH
Enables control of a light or second door strike. Single pole, single throw, low voltage relay output.

Code H4RLC

Connects inline with the 4-Wire system.
**Door Entry Security**  
**4 Wire B&W**

**B&W & Camera Kits - H4 Compatible**
Excellent economical solution with low-profile side projection 4" B&W picture tube and IR illuminated for bright and clear night viewing. Convenient hands-free view and hear operation. Auto-On screen and listen on door-bell press. Push-button to talk to your visitor before entry and allow them in with the optional EL971 Electronic release door catch actuator control. System is easily expandable with the addition of extra monitors (5) and/or extra door cameras (4). Intercom feature allows for communication between additional monitors in different rooms of the house. You can also integrate the B&W monitors in with Look-C range of Colour H4 System if desired (Colour door camera required for colour system).

**REQUIRES 4-CORE TWISTED PAIR CABLE TO LENGTH**

**Black & White Kits**
Kit includes one 4" B&W Monitor & one Door camera. Requires connection cable. Monitor size 220x190x55mm

**ADD More Cameras(2)* & Monitors(5)**
Up to 5 base monitors can all share on the one system. Connect two cameras and door strikes to one system. See and control extra doors with a CSM expansion module.

For 2 to 4 cameras added require H4-MDS Switcher to suit.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base unit &amp; H4-87 Surface Mount Camera</td>
<td>BWS68SU</td>
</tr>
<tr>
<td>Base unit &amp; H4-84 Flush Mount Camera</td>
<td>BWS68FL</td>
</tr>
</tbody>
</table>

**Expandable B&W System Items**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor Only</td>
<td>BWM68</td>
</tr>
<tr>
<td>Handset Audio Only (No Screen)</td>
<td>VT672</td>
</tr>
<tr>
<td>Surface Mount Camera Only</td>
<td>BWC580</td>
</tr>
<tr>
<td>Duplex Dual System Camera</td>
<td>BWC586</td>
</tr>
<tr>
<td>Door Camera Splitter Box</td>
<td>H4MDS</td>
</tr>
<tr>
<td>Door Strike</td>
<td>EL971</td>
</tr>
<tr>
<td>Weather Shield for cameras</td>
<td>RH584</td>
</tr>
</tbody>
</table>

**REQUIRES 4 CORE CABLE TO LENGTH...**

**Requires Cable**
Cable is NOT included in any of the Look-C kits. 4 Core Low voltage "Bell wire" is required. eg, Telephone, CAT5 or security cable, etc.

For runs up to 20M we recommend SEC414 (ACA Approved). For longer runs, CAT5 twisted pair type cable is quite suitable up to 100M. For electronically noisy environments or to ensure maximum picture quality we have available shielded coax cable with control wires.

<table>
<thead>
<tr>
<th>Length</th>
<th>Description</th>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100M</td>
<td>Coax + 5 Control Wires</td>
<td>Cream</td>
<td>SEC7505</td>
</tr>
<tr>
<td>30M</td>
<td>Coax + 5 Control Wires</td>
<td>Cream</td>
<td>SEC17505</td>
</tr>
<tr>
<td>100M</td>
<td>8 Core Category-5e Cable</td>
<td>Blue</td>
<td>CNC51000BU</td>
</tr>
<tr>
<td>50M</td>
<td>8 Core Category-5e Cable</td>
<td>Blue</td>
<td>CL161</td>
</tr>
<tr>
<td>25M</td>
<td>8 Core Category-5e Cable</td>
<td>Blue</td>
<td>CL158</td>
</tr>
</tbody>
</table>

CAT5 cable is available in Blue, Yellow, Grey, Red, Green and Pink. Other lengths are also available. See Section 13 or 16 for CAT5 Cable.

- **DOOR STRIKE EL971**
- Door-Strike Requires 12Vdc/500mA source, local or remote

**Optional Door Strike**
Requires 12V 550mA Power Pack Not Inc.

<table>
<thead>
<tr>
<th>Code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EL971</td>
<td></td>
</tr>
</tbody>
</table>
**Basic Structure - Without Addition Parts**

1 to 1 structure
This is the most common way to use the H4 system. It includes an Outdoor Station, a Monitor and an adapter.

2 to 1 structure
Use the built-in two way connector to extend an Outdoor Station.

1 to N structure
Extend Multi Monitors directly (Max. 5 Monitors).

**Advanced Structure - With Additional Parts**

MDS unit connection
Using the MDS (Multi Doorstation Switch) unit to extend 4 Door stations or CCTV cameras.

RLC unit connection
Using the RLC (Lamp/Lock control) unit to control a lamp or an additional electronic lock.

**RESOURCES**

- http://lookc.com.au

- **Available From:**
  - http://www.wescomponents.com
- **Marketing:**
  - http://data.wescomponents.com/lookc/
- **Manuals:**