Contents

IP-1100C - Side view camera

Part No.	Model No.	Quantity	Description
5961	IP-1100C-C	1	IP Camera only - surface-mount, IP67 (1080P)
5970	IP-1100C-FIX	1	4 x M3 Fixing Screws and 1 x M3 Hex key (L Shape) (Not shown)

PIN #	Wire Colour	Description
1	ORANGE	TX-
2	WHITE	TX+
3	RED	+12V
4	GREEN	RX-
5	YELLOW	RX+
6	BLACK	GND

M3 HEX SOCKET CAP SCREW (FOR ADJUSTING CAMERA ANGLE)

(45°)

IR

LENS

PC MATERIAL / PAINTED BLACK

LIGHT SENSOR (ONE FOR EACH SIDE)

A

VIEW A

6 PIN FEMALE MATING FACE
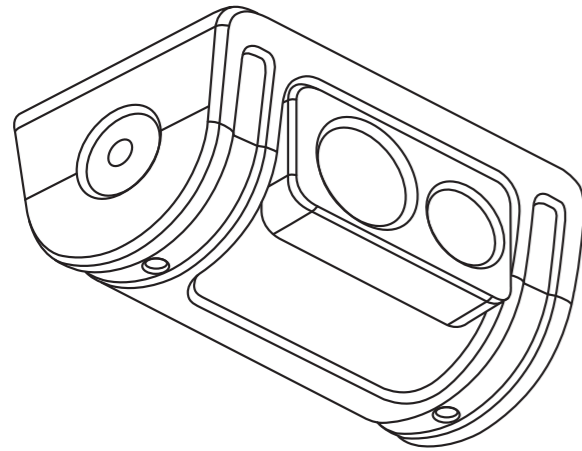
Specifications

IP-1100C - Side view camera

PICK-UP DEVICE	CMOS
VIDEO COMPRESSION	H.264 or H.265
NETWORK PROTOCOL	MDR5,TCP/IP,HTTP,DHCP,NTP,FTP
PICTURE ELEMENTS	1920*1080
IMAGE SIZE	1/2.5
EFFECTIVE HOR. RESOLUTION	Approximately 800 TV Lines
REQUIRED ILLUMINATION	0.05 Lux (color illumination)
POWER SUPPLY	12Vdc ± 2Vdc
POWER CONSUMPTION	5W (at 12Vdc)
LENS ANGLE	103°(D) 84°(H) 46°(V)
OPERATING TEMPERATURE RANGE	-40°C ~ 70°C
STORAGE TEMPERATURE RANGE	-40°C ~ 85°C
WEIGHT	460g
DIMENSIONS (W x H x D)	95.6mm x 51.2mm x 57.8mm

M3 HEX SCREW FOR FIXING BOTTOM BRACKET

CABLE EXIT

Camera views

IP-1100C

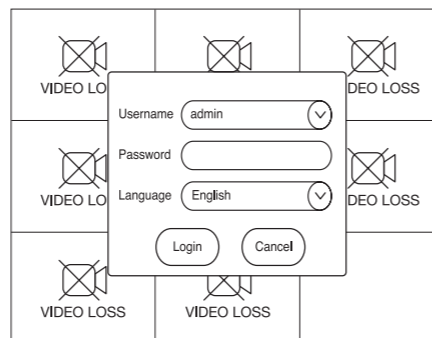Front overview camera

Back door camera

Quick Start Steps

Step 1
After connecting the IP camera with an MDR, go to the MDR On Screen Display. Right click to show the function bar and click the profile icon.
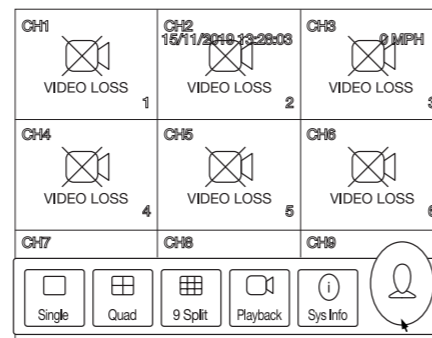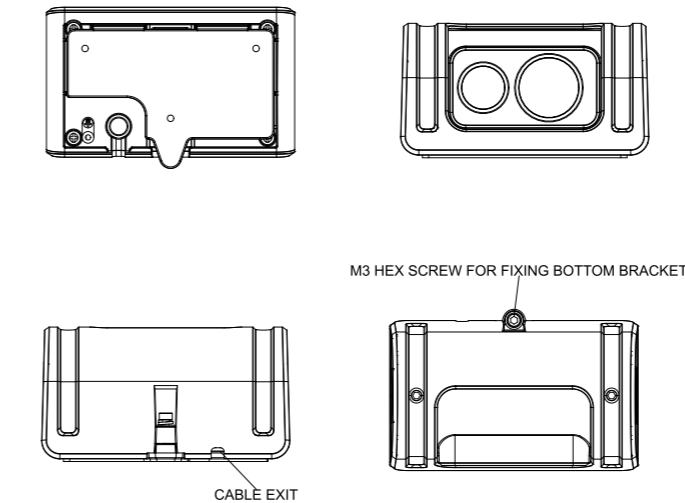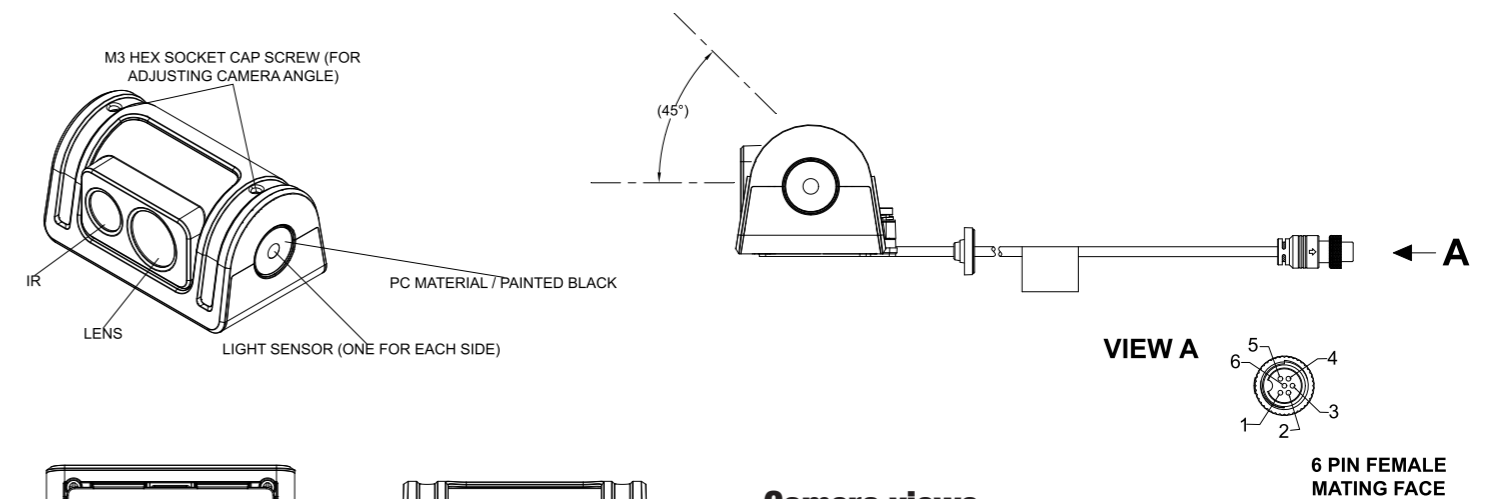
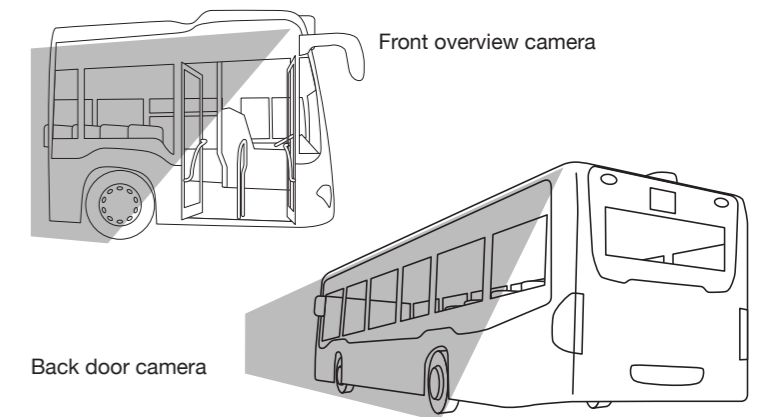**Step 2**
Input password. (Default is "admin").

Username admin
Password
Language English
Login   Cancel

Step 3
Choose "Setup"

Quick Start Steps

REC SEARCH   SYSTEM INFO

LOG SEARCH   SET UP   LOG OUT
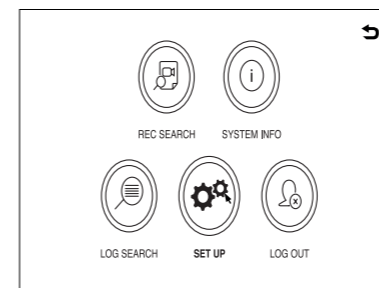
Step 4
Click "Surveillance" -> "IPC Setup" -> "Fast Setup"

Basic Setup Surveillance Events Alarms Maintenance

Live view   Channel Enable   IP and Port   Outside Setup
Record   1
              2
IPC Setup   3
              4

Local Address   10,100,100,   1

Fast Setup   Default   Save
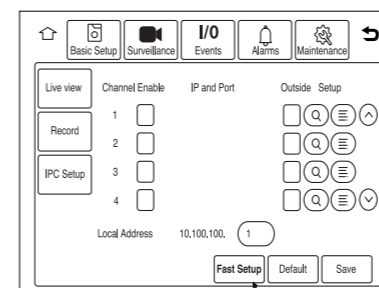
Step 5
The MDR will start to search and connect to all IP Cameras (This will take 1-3 seconds).

The left side of the screen will show a live view of the IP camera. The right half of the screen will show basic set up options.

IPC ID: A / B;

A = current showing IP camera ID

B = total IP camera/s detected

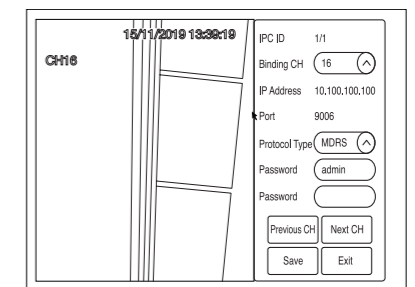**Binding CH:** assign the IP camera to the preferred channel.

Note: It is recommended to choose channels 5-6 when using an MDR-504XX-XXXX and channels 9-16 when using an MDR-508XX-XXXX to avoid conflict with analogue cameras.

Do not change **Protocol Type from default settings of 'MDRS'**
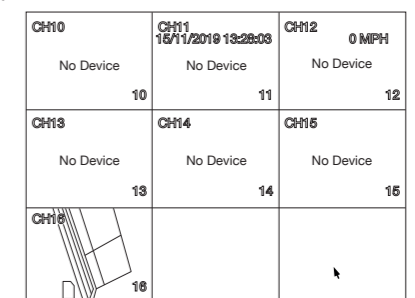
After binding EACH camera channel click "Save".

Use Buttons "Previous CH" and "Next CH" to view and setup each IP camera

Click "Exit" to exit IP camera setup page.

15/11/2019 13:39:19

CH16

IPC ID   1/1
Binding CH   16
IP Address   10,100,100,100
Port   9006
Protocol Type   MDRS
Password   admin
Password

Previous CH   Next CH
Save   Exit

Step 6
Go back to the Live view page, the IP camera has been successfully assigned to a specific channel number.

CH10 No Device 10	CH11 15/11/2019 13:28:03 No Device 11	CH12 0 MPH No Device 12
CH13 No Device 13	CH14 No Device 14	CH15 No Device 15
CH16 16		

IP-1100C

Quick installation instructions

Disclaimer

Internet Protocol cameras have an inherent time delay and are designed to capture footage and help drivers and operators by providing high quality retrospective evidence in the event of an incident.

Internet Protocol cameras should not be used as a driver aid when performing vehicle manoeuvres and do not exempt the driver from taking every normal precaution to ensure safety.
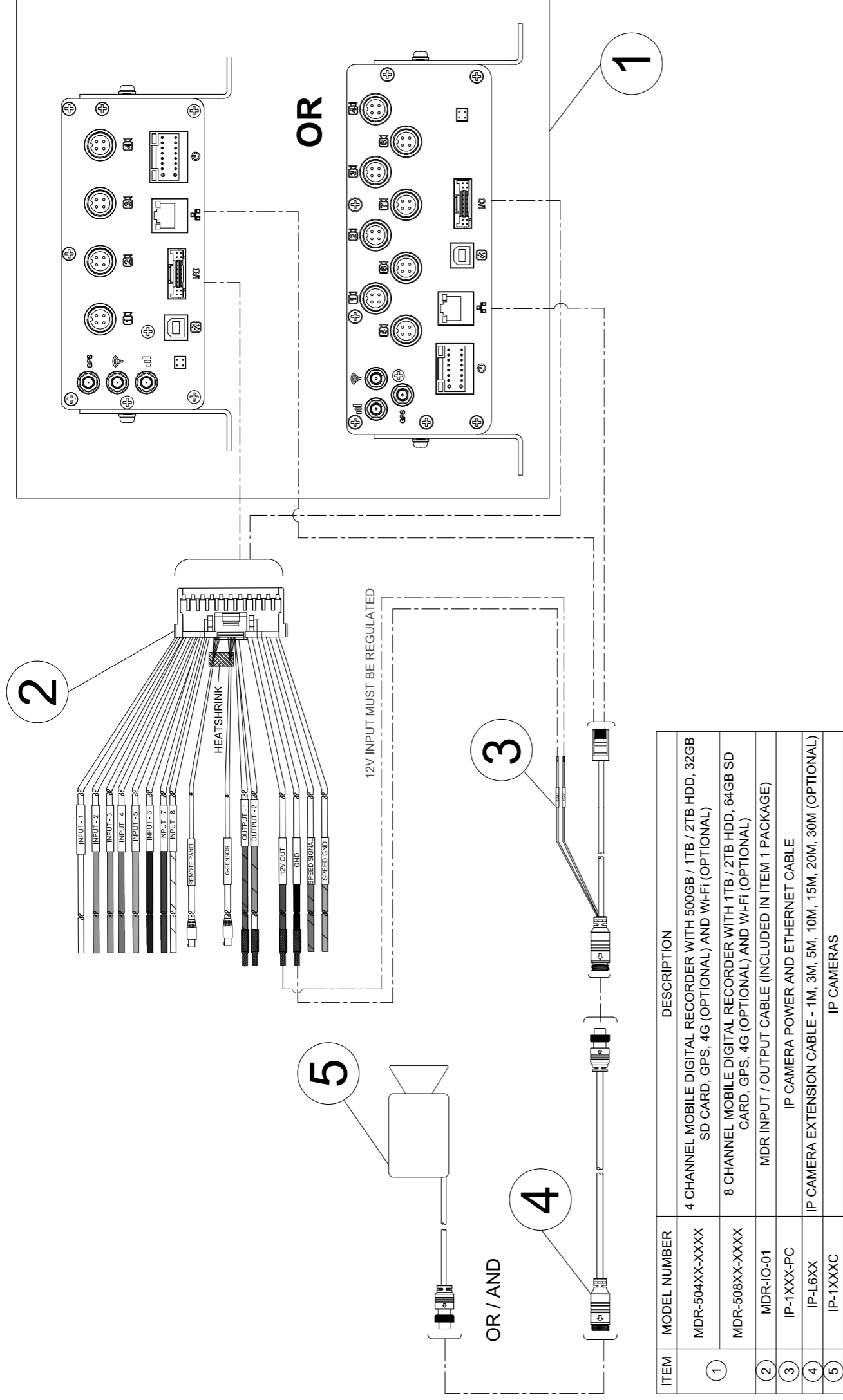
No liability arising out of the use or failure of the product can in any way be attached to Brigade or to the distributor.

Part #5936

The guide is available in Dutch, French, German, Italian, Polish, Portuguese, Russian, Spanish and Turkish at www.brigade-electronics.com/productsupportarea

Connections with 1 camera

Option 1: 1 x IP Camera connecting directly to the MDR

12V regulated DC power supply must be used to power IP Cameras (if PON Switch is not used). Alternatively, Brigade recommends the 12V DC supply output from MDR IO cable.

12V INPUT MUST BE REGULATED

OR / AND

ITEM	MODEL NUMBER	DESCRIPTION
1	MDR-504XX-XXXX	4 CHANNEL MOBILE DIGITAL RECORDER WITH 500GB / 1TB / 2TB HDD, 32GB SD CARD, GPS, 4G (OPTIONAL) AND Wi-Fi (OPTIONAL)
1	MDR-508XX-XXXX	8 CHANNEL MOBILE DIGITAL RECORDER WITH 1TB / 2TB HDD, 64GB SD CARD, GPS, 4G (OPTIONAL) AND Wi-Fi (OPTIONAL)
2	MDR-IO-01	MDR INPUT / OUTPUT CABLE (INCLUDED IN ITEM 1 PACKAGE)
3	IP-1XXX-PC	IP CAMERA POWER AND ETHERNET CABLE
4	IP-L6XX	IP CAMERA EXTENSION CABLE - 1M, 3M, 5M, 10M, 15M, 20M, 30M (OPTIONAL)
5	IP-1XXXC	IP CAMERAS

Connection with multiple cameras

Option 2: Connecting multiple IP cameras to the MDR using 4-CH or 8-CH PON Switch

OR / AND

TO FRONT PANEL

** MDR-504XX-XXXX NOT COMPATIBLE WITH IP-EM-8

ITEM	MODEL NUMBER	DESCRIPTION
1	MDR-504XX-XXXX	4 CHANNEL MOBILE DIGITAL RECORDER WITH 500GB / 1TB / 2TB HDD, 32GB SD CARD, GPS, 4G (OPTIONAL) AND Wi-Fi (OPTIONAL)
1	MDR-508XX-XXXX	8 CHANNEL MOBILE DIGITAL RECORDER WITH 1TB / 2TB HDD, 64GB SD CARD, GPS, 4G (OPTIONAL) AND Wi-Fi (OPTIONAL)
2	IP-EM4	MDR - POWER OVER NETWORK SWITCH - 4 PORTS
2	IP-EM8	MDR - POWER OVER NETWORK SWITCH - 8 PORTS
3	IP-EC-1	CAT5E ETHERNET CABLE - 1 METER (INCLUDED IN ITEM 2 PACKAGE)
3	IP-EC-5	CAT5E ETHERNET CABLE - 5 METER
4	IP-EM-PC	MDR-PON POWER CABLE (INCLUDED IN ITEM 2 PACKAGE)
5	IP-L6XX	IP CAMERA EXTENSION CABLE - 1M, 3M, 5M, 10M, 15M, 20M, 30M (OPTIONAL)
6	IP-1XXXC	IP CAMERAS