CLAIMS

1. Case (1) for surveillance video cameras (2) comprising

- a first (3) and a second (4) half-shell connectable to each other to define an housing volume for at least one video camera (2), wherein at least one of said first (3) and said second (4) half-shell comprises a transparent panel (5) intended to be placed in front of a lens of said video camera (2),
- air flow generating means (7) and means (6) for heating said air flow
- a duct (8) for conveying said air flow towards said transparent panel (5)
- an holding device (9) for said video camera (2)

characterized in that

said holding device (9) defines surrounding walls made of insulating material, preferably plastic material, of at least one section of said conveying duct (8).

2. Case (1) according to claim 1, wherein said holding device (9) comprises a first (91) and a second (92) body part connectable to each other which, in the connected condition, define together at least one among:

- a first housing (93) for an electronic unit (10) for controlling said video camera (2)
- a second housing (94) for said air flow generating means (7)
- said section of said conveying duct (8) defined by surrounding walls made of plastic material.

3. Case (1) according to claim 2, wherein said holding device (9) comprises a seat (95) for fixing said means (6) heating said air flow, said seat being made on said first body part (91) near one of the surrounding walls of said conveying duct (8).

4. Case (1) according to one or more of the preceding claims, wherein the conveying duct (8) has a first opening facing said housing (94) for said air flow generating means (7) and a second enlarged opening (81) close to said transparent panel (5).

5. Case (1) according to claim 4, wherein said second enlarged opening (81) of said conveying duct (8) comprises diffusion flaps (82) internal to said duct for distributing the air flow in an uniform way on said transparent panel (5).

6. Case (1) according to claim 4 or 5, wherein at said second enlarged opening (81) said first body part (91) comprises a diffusion flap (83) tilted with respect to

the transparent panel (5).

7. Case (1) according to one or more of the preceding claims, wherein said holding device (9) comprises a plate (96) for fixing said video camera (2) provided with at least a slotted hole (97) to be connected in an adjustable way with a positioning means (11) of said video camera (2).

8. Case (1) according to claim 7, wherein said fixing plate (96) is made of metal and it is placed in contact with said means (6) heating said air flow.

9. Holding device (9) for a video camera (2) for use in a protection case (1), comprising

- a body comprising linking means for holding a video camera in different relative positions with respect to the body,
- air flow generating means (7),
- at least one electric circuit for supplying and/or controlling the air flow generating means,

wherein the body of the device comprises an housing (94) for the air flow generating means and an housing for the electric circuit, and wherein the body comprises a first part (91) and a second part (92) connectable to each other, wherein said first and second body part are such that once connected they define at least one section of a conveying duct (8) for an air flow, said duct being defined by surrounding walls made of insulating material, preferably plastic material, and extending between a first and a second end, wherein said first end opens on the housing (94) for the air flow generating means (7) and wherein said second end faces an end of the body opposite to the position of the housing (94) on the body itself.

10. Holding device (9) according to claim 9, further comprising heating means (6) and a seat (95) for fixing the heating means (6), wherein said fixing seat (95) is made on said first body part (91) at one of said surrounding walls of said conveying duct (8), and wherein said seat is placed in a position proximal to said second end.

11. Holding device (9) according to claim 9 or 10, comprising a metal fixing plate (96) provided with a slotted hole (97) intended to receive a positioning means (11) of a video camera (2), said fixing plate being mounted at least partially above or in contact with the heating means (6), so that an air flow

generated by the air flow generating means (7), flowing through the heating means comes in contact with the fixing plate.

CLAIMS

1. Case (1) for surveillance video cameras (2) comprising

- a first (3) and a second (4) half-shell connectable to each other to define an housing volume for at least one video camera (2), wherein at least one of said first (3) and said second (4) half-shell comprises a transparent panel (5) intended to be placed in front of a lens of said video camera (2),
- air flow generating means (7) and means (6) for heating said air flow
- a duct (8) for conveying said air flow towards said transparent panel (5)
- an holding device (9) for said video camera (2)

characterized in that

said holding device (9) defines the surrounding walls made of heat insulating material, preferably plastic material, of at least one section of said conveying duct (8).

2. Case (1) according to claim 1, wherein said holding device (9) comprises a first (91) and a second (92) body part connectable to each other which, in the connected condition, define together at least one among:

- a first housing (93) for an electronic unit (10) for controlling said video camera (2)
- a second housing (94) for said air flow generating means (7)
- said section of said conveying duct (8) defined by surrounding walls made of plastic material.

3. Case (1) according to claim 2, wherein said holding device (9) comprises a seat (95) for fixing said means (6) heating said air flow, said seat being made on said first body part (91) near one of the surrounding walls of said conveying duct (8).

4. Case (1) according to one or more of the preceding claims, wherein the conveying duct (8) has a first opening facing said housing (94) for said air flow generating means (7) and a second enlarged opening (81) close to said transparent panel (5).

5. Case (1) according to claim 4, wherein said second enlarged opening (81) of said conveying duct (8) comprises diffusion flaps (82) internal to said duct for distributing the air flow in an uniform way on said transparent panel (5).

6. Case (1) according to claim 4 or 5, wherein at said second enlarged opening

(81) said first body part (91) comprises a diffusion flap (83) tilted with respect to the transparent panel (5).

7. Case (1) according to one or more of the preceding claims, wherein said holding device (9) comprises a plate (96) for fixing said video camera (2) provided with at least a slotted hole (97) to be connected in an adjustable way with a positioning means (11) of said video camera (2).

8. Case (1) according to claim 7, wherein said fixing plate (96) is made of metal and it is placed in contact with said means (6) heating said air flow.

9. Holding device (9) for a video camera (2) for use in a protection case (1), comprising

- a body comprising linking means for holding a video camera in different relative positions with respect to the body,

characterised in that said holding device (9) further comprises:

- air flow generating means (7),
- at least one electric circuit for supplying and/or controlling the air flow generating means,

wherein the body of the device comprises an housing (94) for the air flow generating means and an housing for the electric circuit, and wherein the body comprises a first part (91) and a second part (92) connectable to each other, wherein said first and second body part are such that once connected they define at least one section of a conveying duct (8) for an air flow, said duct being defined by surrounding walls made of heat insulating material, preferably plastic material, and extending between a first and a second end, wherein said first end opens on the housing (94) for the air flow generating means (7) and wherein said second end faces an end of the body opposite to the position of the housing (94) on the body itself;

wherein said holding device (9) further comprises

heating means (6) and a seat (95) for fixing the heating means (6), wherein said fixing seat (95) is made on said first body part (91) at one of said surrounding walls of said conveying duct (8), and wherein said seat is placed in a position proximal to said second end.

10. Holding device (9) according to claim 9 , comprising a metal fixing plate (96) provided with a slotted hole (97) intended to receive a positioning means (11) of a video camera (2), said fixing plate being mounted at least partially above or in contact with the heating means (6), so that an air flow generated by the air flow

generating means (7), flowing through the heating means comes in contact with the fixing plate.