

GT×07×HDC-X

High Definition surveillance system, wireless and autonomous

(High Definition (HD) : resolution 5 times superior to the PAL and NTSC standards)

Increase the performances of your images processing softwares
Produce wide shots on a large screen with an exceptional quality

Ergonomic, compact, lightweight, portable



Mobile ground station

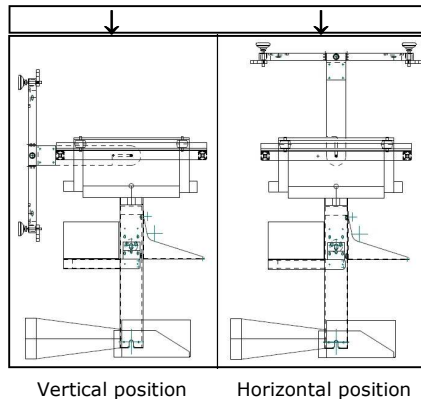
- Control desk [remote control, telemetry and control video PAL]
or
- Tablet PC [remote control, telemetry and control video PAL]

Unequaled performances in low luminosity places
Continuous autonomy up to 12h
2 or 4 axes stabilized turret

The GT×07×HDC-X is equipped with a fixing system for an easy and quick adaptation to any kind of stand
(lighter-than-air, crane, pod, wires, mast, tree, lamp post, wall, ...).

Camera

- Type : Sony HD Broadcast / HDC-X300
- Sensor : 3 CCD 1/2 inch, 1,5 M. of pixels
- Resolution : 1440 * 1080
- Operating temperature : -10 to + 45°C
- Storage temperature : -20 to + 60°C
- Minimum subject illumination : **0,003 lux**



2 or 4 axis turret platform

- Pan : 360° continuous
- Tilt : -90° to +25°
- Speed : 60°/sec, all axis

Lens

- Type : Canon HD
- Focal length : 6,7 to 127mm
- Zoom : x19
- Focus, iris : auto/manual

Wireless devices

- Two robust digital radio systems experienced in hostile environments (urban areas, mountains, ...) ensure an optimal signal for the HD video broadcasting, remote control, telemetry and video control (PAL).

General characteristics:

- Dimensions, fixing system in horizontal position : H=82cm, L=60cm, W=60cm
- Dimensions, fixing system in vertical position : H=75cm, L=60cm, W=60cm
- Total weight : 10kg (without fixing device and batteries)
- Power control : remote activation and deactivation of supplies

Option

- Infrared camera

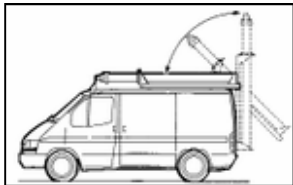


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Adaptation on a telescopic mast
Simple, quick and effective mobile solution



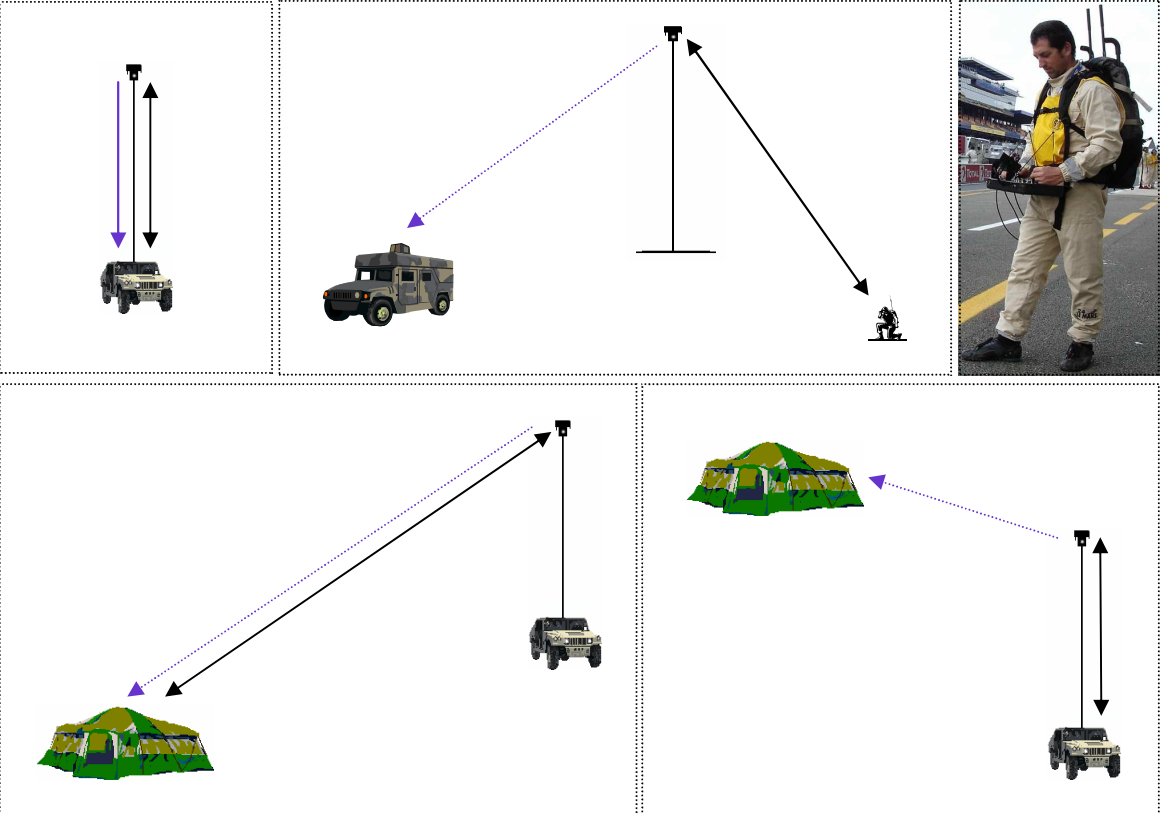
Type	: pneumatique
Height	: 18m
guying	: no
Time / up	: 1,45min
Time / down	: 1,10min
Lifting system	: Electrical compressor

Type	: pneumatic
Height	: 4,50m
Guying	: yes (wind > 15km/h)
Time / up	: 25sec
Time / down	: 25sec
Lifting system	: hand pump

Adaptation to the Autonomous Air Catamaran (UAV Blimp)



Illustrations of operational configurations



Legend

Reception of the HD video stream.
 Display on a wide screen, processing by specialized software, recording ...

Intégral control of turret and the camera.
 remote control, telemetry, control video « day » [and/or control video « night »].



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