

## TECHNICAL DATA

DIMENSIONS	HTC300
EXTERNAL DIMENSIONS (W x H x L-MM):	143 x 105 x 335
USEFUL DIMENSIONS (W x H x L-MM):	70 (80)x 70 (60)x 250 APPROXIMATE
SUNSHIELD (W x L-MM):	137 x 355
WEIGHT	
HOUSING:	0,75 Kg
SUNSHIELD:	1 Kg
HEATER CONSUMPTION	
230V VERSION:	0,023A
24V VERSION:	0,24A
12V VERSION:	0,36A
PROTECTION RATE:	IP66
BOLT AND SCREWS:	STAINLESS STEEL
FRONT GLASS:	POLYCARBONATE
RAW MATERIAL:	HIGH RESISTANCE COMPOUND (NYLON/GLASS REINFORCED)
COLOUR:	RAL1013 (PEARL WHITE)
ACCESSORIES	
STANDARD WALL/POLE BRACKET:	WPB (HIDDEN CABLES)
AISI304 POLE MOUNTING CLAMPS KIT:	PMK145
CEILING MOUNTING SUPPORT:	CMB (HIDDEN CABLES)
POLE MOUNTING SUPPORT KIT:	PMA
P/T ADAPTOR:	PTA
IR ILLUMINATORS:	LX RANGE, IR-LED HIGH-POWER

## NOTE

- 1) THE VALUE INDICATED ON THE LABEL REFERS TO THE POWER NEEDED FOR THE HEATER. ADJUST CABLES ACCORDING TO THE TOTAL ABSORPTION GIVEN BY THE VALUE OF CAMERA ABSORPTION PLUS HEATER ABSORPTION
- 2) WHEN THE DEVICE IS BEING INSTALLED, AN APPROPRIATE AUTOMATIC SWITCH OFF UNIT (SIMULTANEOUS SWITCH OFF OF BOTH POLES) MUST BE ADDED TOGETHER WITH A PROTECTION SYSTEM AGAINST SHORT CIRCUIT AND GROUND DISPERSION. THIS SYSTEM MUST BE ADJUSTED ACCORDING TO THE TOTAL AMOUNT OF HEATER AND CAMERA ABSORPTION AND MUST NOT EXCEED 6.5 A
- 3) GROUND CONNECTIONS ON TERMINAL BLOCK (IF ANY) PASS ONLY THROUGH THE CAMERA



### DISPOSAL OF YOUR OLD PRODUCT

YOUR PRODUCT IS DESIGNED AND MANUFACTURED WITH HIGH QUALITY MATERIALS AND COMPONENT, WHICH CAN BE RECYCLED AND REUSED. WHEN THIS CROSSED-OUT WHEELED BIN SYMBOL IS ATTACHED TO A PRODUCT IT MEANS THE PRODUCT IS COVERED BY THE EUROPEAN DIRECTIVE 2002/96/EC. PLEASE INFORM YOURSELF ABOUT THE LOCAL SEPARATE COLLECTION SYSTEM FOR ELECTRICAL AND ELECTRONIC PRODUCTS. PLEASE ACT ACCORDING TO YOUR LOCAL RULES AND DO NOT DISPOSE OF YOUR OLD PRODUCTS WITH YOUR NORMAL HOUSEHOLD WASTE. THE CORRECT DISPOSAL OF YOUR OLD PRODUCT WILL HELP PREVENT POTENTIAL NEGATIVE CONSEQUENCES FOR THE ENVIRONMENT AND HUMAN HEALTH.



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CCTV HOUSING

## HTC300

INSTRUCTIONS GUIDE



BEFORE INSTALLATION AND OPERATION PLEASE READ THESE INSTRUCTIONS CAREFULLY

DEAR CUSTOMER

WE THANK YOU FOR CHOOSING OUR PRODUCT.

**BEFORE INSTALLATION AND OPERATION PLEASE READ THESE INSTRUCTIONS CAREFULLY.**

#### DANGER AND SAFETY WARNINGS



THIS WARNING SYMBOL MEANS DANGER. YOU ARE IN A SITUATION THAT COULD CAUSE BODILY INJURY. BEFORE YOU WORK ON ANY EQUIPMENT, BE AWARE OF THE HAZARDS INVOLVED WITH ELECTRICAL CIRCUITRY AND BE FAMILIAR WITH STANDARD PRACTICES FOR PREVENTING ACCIDENTS. **BEFORE OPERATING THE MACHINE, SWITCH THE POWER OFF.**



THIS WARNING SYMBOL MEANS THAT OPERATING INSTRUCTIONS AND PRECAUTIONS **MUST BE CAREFULLY FOLLOWED IN ORDER TO AVOID BODILY INJURY AND EQUIPMENT DAMAGE.**

#### IMPORTANT PRECAUTIONS AND WARNINGS FOR THE PROTECTION OF GOODS AND PERSONS



**TURN THE POWER OFF BEFORE OPERATING THE EQUIPMENT.**



INSTALLATION MUST BE CARRIED OUT BY **QUALIFIED TECHNICAL STAFF IN COMPLIANCE WITH CURRENT STANDARDS AND REGULATIONS.**



INSTALLATION AND TOOLS MUST BE IN COMPLIANCE WITH THE PROPERTY AND PERSON SECURITY RULES: PARTICULAR ATTENTION MUST BE PAID TO THE PRODUCT USE AND WORKING LIMITS.



MAKE SURE THAT AFTER REPAIR AND MAINTENANCE OPERATIONS, ALL THE NECESSARY TESTS ARE CARRIED OUT. CHECK THROUGH THE NECESSARY MEASUREMENTS **THAT ANY PART WHERE VOLTAGE IS PRESENT IS EXPOSED AND COULD THEREFORE CAUSE POSSIBLE HAZARDOUS SITUATIONS.**



IN ORDER TO CARRY OUT THE HOUSING FIXING **SELECT THE ADEQUATE SUPPORT ACCORDING TO THE TYPE OF INSTALLATION.** FOR WALL OR CEILING MOUNTING MAKE THE SAME AMOUNT OF HOLES AS INDICATED IN THE CHOSEN SUPPORT: **USE THE NECESSARY FIXING SYSTEMS ACCORDING TO THE TYPE OF WALL ON WHICH THE HOUSING MUST BE INSTALLED,** BEARING IN MIND THAT FIXING SCREWS MUST HAVE A 6MM DIAMETER. FOR POLE MOUNTING MAKE SURE THAT MINIMUM DIAMETER IS EQUAL TO 60MM. FOR AN EASIER INSTALLATION USE 2 (TWO) AISI304 STAINLESS STEEL WORM GEAR CLAMPS OF AN ADEQUATE LENGTH ACCORDING TO POLE DIAMETER. PLACE THE CLAMPS INSIDE THE BRACKET SLOTS AND LOCK THEM TIGHTLY. CARRY ON AS DESCRIBED FOR WALL MOUNTING.



PLEASE DO NOT MAKE ANY CHANGES TO THE PRODUCT WITHOUT PREVIOUSLY CONTACTING THE MANUFACTURER WHICH WILL **FORMALLY** PROVIDE YOU WITH THE NECESSARY INSTRUCTIONS.



PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE IN CASE OF SERVICE OR MOUNTING OPERATIONS.

#### PRODUCT DESCRIPTION

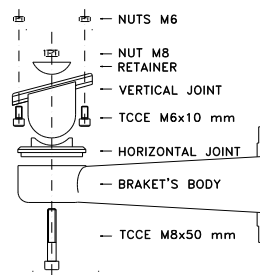
WEATHERPROOF HOUSING FULLY MADE BY A MIXTURE OF HIGH-RESISTANCE COMPOUND (NYLON/GLASS REINFORCED) WITH VANDAL RESISTANT POLYCARBONATE FRONT GLASS. THE USE OF DEDICATED ADDITIVES ALSO GUARANTEES A HIGH UVA-UVB RESISTANCE, TOGETHER WITH AN EXCELLENT PROTECTION AGAINST CORROSION (ALKALI/ACIDS) AND WEATHER CONDITIONS, INCLUDING MARINE ENVIRONMENT. THE SUPPLIED DOUBLE-OPENING SYSTEM (BOTH ON THE RIGHT AND ON THE LEFT HAND SIDE) MAKES IT EASY TO INSTALL, AVOIDING PROBLEMS OF POSITIONING, AND ENABLES A COMPLETE ACCESS TO CAMERA. THE HOUSING HAVE A IP66 PROTECTION RATE BUT THE SUPPLIED SEALED CABLE GLANDS (1x PG11 + 1x PG9) ARE SUITABLE FOR IP66 INSTALLATIONS TOO. THIS HOUSING IS GENERALLY SUPPLIED WITH SUNSHIELD, THERMOSTAT-OPERATED HEATER AND STANDARD WALL/POLE MOUNTING BRACKET. **THIS UNIT SHOULD BE OPERATED ONLY THROUGH THE POWER SUPPLY INDICATED IN THE PRODUCT LABEL.** IF YOU ARE NOT SURE OF THE TYPE OF POWER SUPPLY YOU ARE PLANNING TO USE, PLEASE CONTACT YOUR DEALER.

**IN ORDER TO CLEAN UP THE FRONTAL GLASS, DO NOT USE PRODUCTS CONTAINING ALCOHOL, BUT TO USE NOT AGGRESSIVE DETERGENTS (EG: WATER WITH NEUTRAL SOAP).**

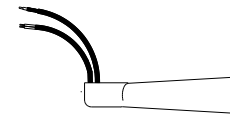
HTC300 HOUSING IS IN COMPLIANCE WITH ESSENTIAL REQUIREMENT OF THE DIRECTIVES:

2004/108  
2006/95

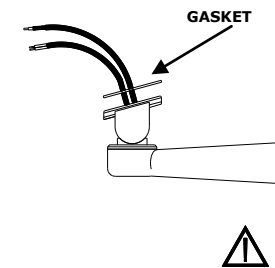
#### 1) MOUNTING BRACKET DETAIL.



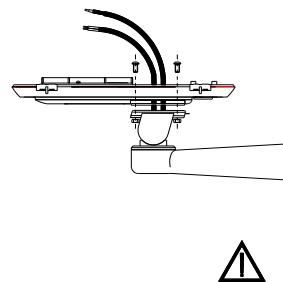
2) INSTALL THE BRACKET AND INSERT CABLES INSIDE. **NOTE: IN CASE OF SIDE ENTRANCE TUBES (Ø 20MM), BREAK THE NECESSARY INSERTS WITH A CUTTING NIPPERS AND TRIM THE EDGES.**



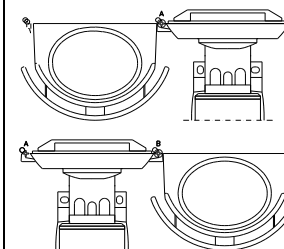
3) REPLACE THE JOINT INSERTING THE CABLES THROUGH THE GASKET.



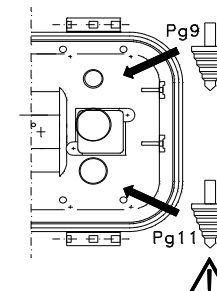
4) MOUNT THE LOWER PART OF THE HOUSING ONTO THE JOINT/BRACKET USING THE SUPPLIED BOLTS AND SCREWS.



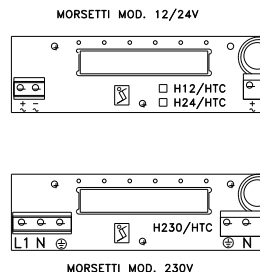
5) OPEN THE HOUSING, ON THE RIGHT OR ON THE LEFT HAND SIDE, UNLOOSE THE SPECIFIC SCREWS WITHOUT REMOVING THEM.



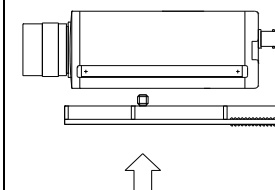
6) INSTALLATION WITH CABLE GLANDS: IN ORDER TO USE THE SUPPLIED CABLE GLANDS, TO DRILL THE APPROPRIATE PRESETS USING ONE CONIC-DRILL (A).



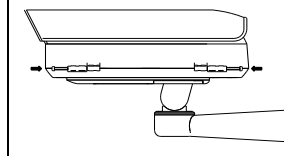
7) ESTABLISH THE NECESSARY POWER SUPPLY CONNECTIONS.



8) FIX THE CAMERA ONTO THE SUPPLIED SUPPORT AND PLACE IT INSIDE THE HOUSING USING THE SUPPLIED SCREWS.



9) WIRE THE CAMERA AND CLOSE THE HOUSING TIGHTENING THE PREVIOUSLY (STEP 5) UNLOOSENED SCREWS.



THE SUPPLIED DOUBLE-OPENING SYSTEM (BOTH ON THE RIGHT AND ON THE LEFT HAND SIDE) MAKES IT EASY TO INSTALL, AVOIDING PROBLEMS OF POSITIONING, AND ENABLES A COMPLETE ACCESS TO CAMERA



AFTER CARRYING OUT POSITIONING, PLEASE REMEMBER TO RESTORE ALL POWER SUPPLY CONNECTIONS AND LOCK ALL SCREWS.



CABLE GLANDS: TO GUARANTEE THAT THE CABLE GLAND IS PERFECTLY SEALED, PLEASE CHECK ITS TIGHTNESS THROUGH A SOCKET WRENCH.