

STAR-LIGHT HD COAX
Super Low Light HD Over Coax Cameras



WHAT'S IN THE BOX

QSG Manual		1 Set	Torx Wrench		1 Set
Mounting Template Sheet		1 Set	2 Pin - 5 Pin Screw Type Connector		1 Set
Mounting Bracket		1 Set	Mounting Screw (PH6 x 35), Plastic Anchor, O-Ring - 4EA		1 Set

ACCESSORIES NEEDED TO INSTALL DW-PTZ20X

For Wall Mount: DW-P20WM2	For Ceiling Mount: DW-P20CM2
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NOTE: Mounting accessories are required and sold separately.

NOTE: Download All Your Support Materials and Tools in One Place

1. Go to: <http://www.digital-watchdog.com/support-download/>
2. Search your product by entering the part number in the 'Search by Product' search bar. Results for applicable part numbers will populate automatically based on the part number you enter.
3. Click 'Search'. All supported materials, including manuals, Quick Start Guides (QSG), software and firmware will appear in the results.

Attention: This document is intended to serve as a quick reference for initial set-up. It is recommended that the user read the entire instruction manual for complete and proper installation and usage.

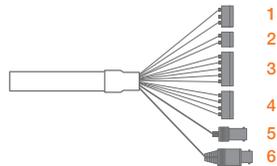
Tel: +1 (866) 446-3595 / (813) 888-9555

digital-watchdog.com

Technical Support Hours:
9:00AM - 8:00PM EST, Monday thru Friday

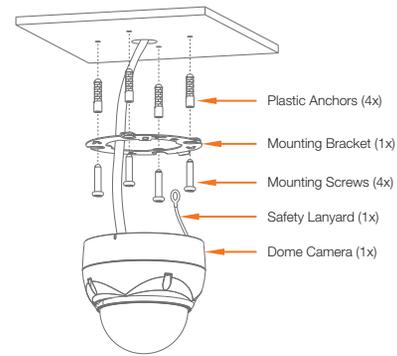
STEP 1 - CAMERA WIRING

No	Connector	Wire Color	Description
1	3-Pin Terminal Block	Red	24V AC or 12V DC+
		White	24V AC or 12V DC+
		Green	RS-485+
2	2-Pin Terminal Block	Blue	RS-485+
		Gray	Alarm Input 1
		Violet	Alarm Input 2
		Orange	Alarm Input 3
		Sky Blue	Alarm Input 4
3	5-Pin Terminal Block	Black	GND
		Yellow	Alarm Output 1
		Black & White	GND
		Sky Blue & Black	Alarm Output 2
		Orange & Black	GND
		Orange & Black	GND
4	4-Pin Terminal Block	Blue	HD-TVI / AHD Output
		Black	CVBS Output

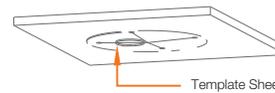


NOTE: The camera must be installed by qualified service personnel in accordance with all local and federal electrical and building codes.

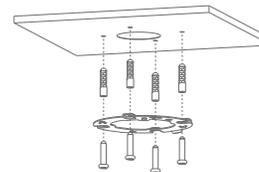
STEP 2 - INSTALLING THE CAMERA



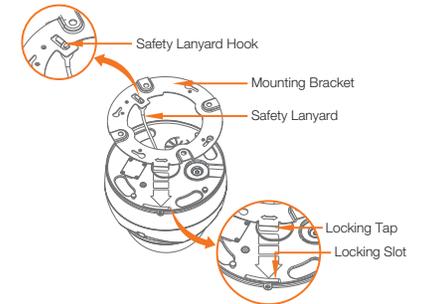
1. Select Mounting Position.



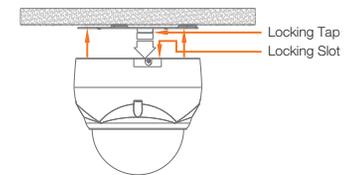
2. Position the Mounting Bracket.



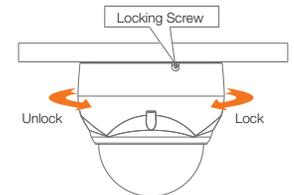
3. Ensure the Safety Lanyard.



4. Mount and Twist the Dome to Fix.

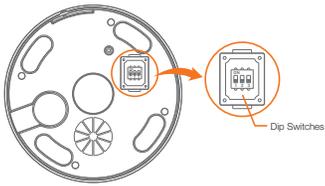


5. Fix Locking Screw.

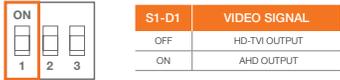


STEP 3 – DIP SWITCH SETTING FOR SIGNAL & PROTOCOL

NOTE: Default DIP switch option is all OFF (HD-TVI output/TVI-C)



1. Video Default Signal is HD-TVI Output



2. Coaxitron Protocol

S1-D2	S1-D3	HD-TVI OUTPUT	AHD OUTPUT
OFF	OFF	TVI-C	A_CP-PTZ
ON	OFF	Pelco-C	Reserved
OFF	ON	Reserved	Reserved
ON	ON	Reserved	Reserved

STEP 4 – CONNECT POWER AND I/O

- Connect 12VDC or 24VAC for Mini-PTZ camera power on (Use satisfy clause 2.5 of IEC60950-1/UL60950-1 or Certified / Listed Class 2 power source only)
- Power consumption: 12W @ 12VDC/24VAC
3. HD-TVI/AHD output (BNC)
- CVBS output (BNC)
- 4 Alarm input
- 2 Alarm output (5V TTL)
- RS-485

STEP 5 – OSD FUNCTIONS

NOTE: Please see the full product manual for web viewer setup, functions and camera settings options.

NOTE: This OSD control only can be through DVR or Keyboard controller.

OSD DISPLAY

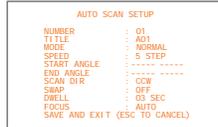


MENU SETUP

Press the menu button to call Mini-PTZ menu in control device.



AUTO SCAN



NUMBER 01 ~ 08, 10 ~ 17, 09: AUTO-PAN mode
TITLE Up to 6 characters
MODE NORMAL, VECTOR, RANDOM (AUTO-PAN mode: NORMAL, RANDOM only)
NORMAL Move from start point to end point in panning only
VECTOR Move from start point to end point including tilt and zoom simultaneously and linearly
RANDOM Move randomly between the start point and the end point
SPEED 1 ~ 13 step, the lower number means the slower speed
SCAN DIR Set the Scan direction, CCW (Counter Clock Wise), CW (Clock Wise)
SWAP Swaps the start point for the end point
DWELL Set the dwell time at the both end, 01 ~ 99 seconds
FOCUS AUTO, MANUAL

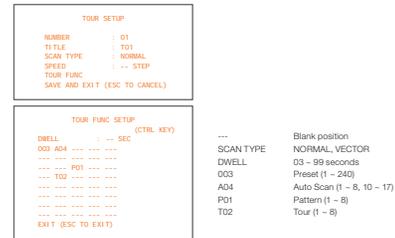
PRESET

User can set from 1 to 240 preset with control of focus, motion, AE functions.



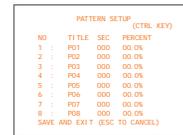
TOUR

User can set the up to 8 programmable Tour preset positions, patterns and scans.



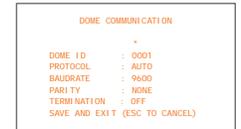
PATTERN

User can set up to 8 programmable Pattern with recorded user own control.



DOME COMMUNICATION

User can set the up to ID, protocol, baudrate.

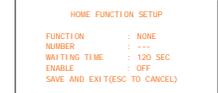


DOME ID 1 ~ 3999
PROTOCOL AUTO, F2/P2E, PELCO-PD
BAUDRATE 2400, 4800, 9600, 19200, 38400 bps
PARITY NONE, EVEN, ODD
TERMINATION (RS-485) OFF, ON

DOME SETUP



Home Function Setup



FUNCTION NONE, TOUR, PATTERN, AUTO SCAN, PRESET
NUMBER ----
WAITING TIME 10 ~ 240 seconds
ENABLE ON, OFF

View Angle Setup

