

CCTV INSTALLATION TRAINING

SESSION	DESCRIPTION	
WEEK-1		
1	<u>INTRODUCTION</u> ✓ What is cctv? ✓ Application of cctv ✓ Tools and testing equipment of cctv ✓ Cctv connectors –BNC/RCA and RJ45 explain	theory
2	✓ What is CCTV camera tester? ✓ How check cable by digital multimeter? ✓ How check connector by multimeter? ✓ How check camera by multi meter? ✓ How check camera by camera tester? ✓ How check cable by camera tester?	practical
3	✓ Indoor and outdoor camera ✓ Different types of camera model ✓ What is different between analog and digital cameras ✓ Analog and digital camera specification [TVL/MP/AGC/BLC/HLC/AI/DNR/WDR/IR] ✓ Camera Lenz Comparison	theory
4	✓ What is cable? ✓ Types of cable [co axial/cat5e and cat 6] ✓ Cable distance explain ✓ What is balun and how use balun? ✓ How crimping co axial cable? ✓ How crimping CAT6 cable	practical
WEEK-2		
5	✓ Camera dismantling method and its parts identification with troubleshooting tips ✓ Camera IR module replacement and its checking method ✓ What is camera adapter? and volt/ampere difference ✓ What is smps and its volt /ampere difference	practical

	<ul style="list-style-type: none"> ✓ Smmps general fault finding method ✓ Smmps voltage checking method 	
6	<ul style="list-style-type: none"> ✓ What is AV camera? ✓ How to connect single AV camera to TV? ✓ How connect digital BNC camera to TV and RCA to BNC crimping method ✓ Wireless camera connectivity method to TV and checking audio /video ✓ What is AV switcher? How connect 3 various cameras to TV via AV switcher? 	practical
7	<ul style="list-style-type: none"> ✓ What is remote switcher? ✓ How connect various cameras to TV via remote switcher? ✓ What is digital zoom camera [varifocul] ✓ How connect Lenz? ✓ Zoom camera checking method 	practical
8	<ul style="list-style-type: none"> ✓ What is DVR? ✓ Types of DVR ✓ DVR specification ✓ 4 channel camera and DVR connectivity block diagram explanation ✓ What are the four cameras installation requirement and installation charges discuss 	theory
WEEK-3		
9	<ul style="list-style-type: none"> ✓ How connect hard disk to DVR? ✓ DVR trouble shooting tips ✓ How connect 4 cameras to computer via USB DVR? ✓ USB DVR recording method 	practical
10	<ul style="list-style-type: none"> ✓ Hik vision DVR 4 cameras connectivity method ✓ How get TV output from DVR? ✓ Camera setting menu practical-motion ,video loss ✓ Other DVR setting explain ✓ How to get video backup from DVR? 	practical
11	<ul style="list-style-type: none"> ✓ How recording camera manually ✓ Normal recording method practical ✓ Motion recording practical ✓ Playback demo ✓ Camera recording practical 	practical

WEEK-4		
12	<ul style="list-style-type: none"> ✓ How connect DVR to internet? ✓ What is IP address and its finding method ✓ How register DVR ip address to modem? ✓ What Is domain name? and its register method ✓ DVR internet view and recording and other setting 	practical
13	<ul style="list-style-type: none"> ✓ DVR to Cell phone view practical ✓ Cell phone camera view software downloading ✓ How recording camera from cell phone 	practical
14	<ul style="list-style-type: none"> ✓ What is PTZ camera? ✓ How to connect ptz camera to DVR? ✓ What is preset and its practical ✓ PTZ camera complete practical ✓ What is joy stick and how to control PTZ camera? 	practical
15	<ul style="list-style-type: none"> ✓ What is ip camera? ✓ What is NVR? ✓ How configure ip camera ip address ✓ How connect IP camera to NVR? ✓ IP PTZ rolling camera cell phone view practical 	practical